Note to Resellers: Please pass on this document to your customer to avoid license breach and copyright infringements.

Third-Party Software Information for

PXG3.W100/200-2 - MR2021_06 and MR2021_10

This product, solution or service ("Product") contains third-party software components listed in this document. These components are Open Source Software licensed under a license approved by the Open Source Initiative (www.opensource.org) or similar licenses as determined by SIEMENS ("OSS") and/or commercial or freeware software components. With respect to the OSS components, the applicable OSS license conditions prevail over any other terms and conditions covering the Product. The OSS portions of this Product are provided royalty-free and can be used at no charge.

If SIEMENS has combined or linked certain components of the Product with/to OSS components licensed under the GNU LGPL version 2 or later as per the definition of the applicable license, and if use of the corresponding object file is not unrestricted ("LGPL Licensed Module", whereas the LGPL Licensed Module and the components that the LGPL Licensed Module is combined with or linked to is the "Combined Product"), the following additional rights apply, if the relevant LGPL license criteria are met: (i) you are entitled to modify the Combined Product for your own use, including but not limited to the right to modify the Combined Product to relink modified versions of the LGPL Licensed Module, and (ii) you may reverse-engineer the Combined Product, but only to debug your modifications. The modification right does not include the right to distribute such modifications and you shall maintain in confidence any information resulting from such reverse-engineering of a Combined Product.

Certain OSS licenses require SIEMENS to make source code available, for example, the GNU General Public License, the GNU Lesser General Public License and the Mozilla Public License. If such licenses are applicable and this Product is not shipped with the required source code, a copy of this source code can be obtained by anyone in receipt of this information during the period required by the applicable OSS licenses by contacting the following address:

Siemens AG

Otto-Hahn-Ring 6
81739 Muenchen

Germany

Keyword: Open Source Request

PXG3.W100/200-2 - MR2021_06 and MR2021_10

SIEMENS may charge a handling fee of up to 5 EUR to fulfill the request.

Warranty regarding further use of the Open Source Software:

SIEMENS' warranty obligations are set forth in your agreement with SIEMENS. SIEMENS does not provide any warranty or technical support for this Product or any OSS components contained in it if they are modified or used in any manner not specified by SIEMENS. The license conditions listed below may contain disclaimers that apply between you and the respective licensor. For the avoidance of doubt, SIEMENS does not make any warranty commitment on behalf of or binding upon any third party licensor.

Table of Contents

1. PXG3.W100/200-2 - MR2021_06 and MR2021_10 3
1.1 Third Party Software Components 3
1.2 Licenses 186
2. abt-inside SVS400 630
2.1 Third Party Software Components 630
2.2 Licenses 637
3. DCP Learning Tool SVS400 - MR2021 06 656
3.1 Third Party Software Components 656
3.2 Licenses 661
4. Finstack System One SVS400 - 4.3 678
4.1 Third Party Software Components 678
4.2 Licenses 682

1. PXG3.W100/200-2 - MR2021_06 and MR2021_10

1.1 Third Party Software Components

1.1.1 Apache Thrift 0.9.3

1.1.1.1 Copyrights

Copyright (c) 1984, 1989-2013 Free Software Foundation, Inc.
Copyright (c) 1994 X Consortium
Copyright (c) 1997-2010 The PHP Group
Copyright (c) 1999, 2000, 2002 Aladdin Enterprises. All rights reserved.
Copyright (c) 1999-2007 Markus Mottl
Copyright (c) 2000-2005 Minero Aoki
Copyright (c) 2004 Scott James Remnant
Copyright (c) 2006 Martin J. Logan, Erlware
Copyright (c) 2006-2008 Alexander Chemeris
Copyright (c) 2006-2015 The Apache Software Foundation
Copyright (c) 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.
Copyright (c) 2007-2008 Thomas Porschberg <thomas@randspringer.de>
Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>
Copyright (c) 2008 Tim Toolan <toolan@ele.uri.edu>
Copyright (c) 2009 Dean Povey <povey@wedgetail.com>
Copyright (c) 2009 Facebook
Copyright (c) 2009 Peter Adolphs
Copyright (c) 2009,2010 Dustin J. Mitchell <dustin@zmanda.com>
Copyright (c) 2009,2010 Zmanda Inc. <http://www.zmanda.com/>
Copyright (c) 2009-2009 David Reiss
Copyright (c) 2011 David Nadlinger
Copyright (c) 2012 Raphael Kubo da Costa
Copyright (c) 2012 Twitter, Inc
Copyright (c) 2012 Zack Weinberg <zackw@panix.com>
Copyright (c) 2013 Roy Stogner <roystgnr@ices.utexas.edu>
Copyright (c) 2014 Reuben Thomas <rrt@sc3d.org>
Copyright (c) 2014 Tim Perkins <tprk77@gmail.com>
Copyright (c) 2014, 2015 Google Inc.
Copyright (c) 2015 Jens Geyer <jensg@apache.org>

1.1.1.2 Acknowledgements

This product includes PHP software, freely available from
<http://www.php.net/software/>"

1.1.1.3 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)
GPL-3.0 (3)
Apache-2.0 Notice-1 (4)
BSD-3-Clause (5)
Zlib (6)
Apache-2.0 Notice-2 (7)
Apache-2.0 Notice-3 (8)
PHP License 3.0.1-Notice (9)
PHP License-3.01 (10)
Apache-2.0 Notice-4 (11)

1.1.2 attr 2.4.47

1.1.2.1 Copyrights

Copyright (c) 2007, 2008 Andreas Gruenbacher. All rights reserved.
Copyright (c) 2000-2006 Silicon Graphics, Inc. All Rights Reserved.
Copyright (c) 2001-2003,2005 Silicon Graphics, Inc. All Rights Reserved.
Copyright (c) 2000-2002 ,2004 Silicon Graphics, Inc. All Rights Reserved.
Copyright (c) 1999, 2001-2003 Silicon Graphics, Inc. All Rights Reserved.
Copyright (C) 1989-2012 Free Software Foundation, Inc.
Copyright (C) 2008 Petr Pisar <petr.pisar@atlas.cz>
Copyright (C) 2007 Free Software Foundation
Copyright (C) 2007 Antonio Trueba <atrueba@users.sourceforge.net>
Copyright (C) 2007 Andreas Gruenbacher <a.gruenbacher@computer.org>
Copyright (C) 2006 Daniel Nylander <po@danielnylander.se>
Copyright (C) 2002-2006 Andreas Gruenbacher <agruen@suse.de>, SuSE Linux AG.
Copyright (C) 2005 Guilhelm Panaget <guilhelm.panaget@free.fr>
Copyright (C) 2004, 2005, 2007, 2009 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2005, 2007, 2008, 2009 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004, 2005, 2007, 2008 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004, 2005 Jakub Bogusz <qboosh@pld-linux.org>
Copyright (C) 2004 Luk Claes <luk.claes@ugent.be>
Copyright (C) 2004 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
Copyright (C) 2003-2006 Silicon Graphics, Inc.
Copyright (C) 2002-2009 Andreas Gruenbacher <agruen@suse.de>
Copyright (C) 2003, 2004, 2006, 2007 Silicon Graphics, Inc.
Copyright (C) 2003, 2004, 2005, 2006, 2007 Silicon Graphics, Inc.
Copyright (C) 2002, 2004, 2007 Silicon Graphics, Inc. All rights reserved.
Copyright (C) 2002, 2004, 2007 Andreas Gruenbacher <agruen@suse.de>
Copyright (C) 2002, 2004 Silicon Graphics, Inc. Al rights reserved.
Copyright (C) 2002, 2003 Andreas Gr nbacher <a.gruenbacher@computer.org>
Copyright (C) 2001-2002 Silicon Graphics, Inc. All Rights Reserved.
Copyright (C) 2001-2003 Andreas Gruenbacher <a.gruenbacher@bestbits.at>
, 2002-2007 Silicon Graphics, Inc. All rights reserved.
Copyright (C) 2001, 2002, 2003, 2006, 2008 Silicon Graphics, Inc. All rights reserved.
Copyright (C) 2001 Andreas Gruenbacher.
Copyright (C) 2000, 2002, 2007 Andreas Gruenbacher <agruen@suse.de>
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 Free Software Foundation, Inc.
(C) Silicon Graphics Inc, September 2001
(C) Andreas Gruenbacher, February 2001

1.1.2.2 Licenses

LGPL-2.1+ (12)
GPL-2.0+ Notice (13)
GPL-2.0 (14)

1.1.3 base-passwd 3.5.29

1.1.3.1 Copyrights

Copyright (C) 1989-2012 Free Software Foundation, Inc.
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 2004 Nicolas FRANCOIS
Copyright (C) 2010 Software in the Public Interest
Copyright (C) Helge Kreutzmann <debian@helgefjell.de>, 2011.
Copyright 1991 by the Massachusetts Institute of Technology
Copyright 1999-2002 Wichert Akkerman <wichert@deephackmode.org>
Copyright 1999-1999 \ 2002 Wichert Akkerman
Copyright 2001, 2002 Joey Hess
Copyright 2002, 2003, 2004 Colin Watson <cjwatson@debian.org
Copyright 2002, 2003, 2004 Colin Watson <cjwatson@debian.org>
Copyright 2002, 2003, 2004, 2005, 2007 Colin Watson
Copyright 2007 David Mandelberg
copyright 1999-1999 \ 2002 Wichert Akkerman
copyright 2002-2003 Colin Watson.

1.1.3.2 Licenses

GPL-2.0 (15)
GPL-2.0 Notice 1 (16)
GPL-2.0 Notice 2 (17)
Public Domain Notice (18)

1.1.4 Boost C++ 1.69.0

1.1.4.1 Copyrights

© Hubert Holin & Didier Vidal. Maple
© Copyright Tobias Schwinger, 2009
© Copyright Steven Ross 2009-2014
© Copyright Stefan Seefeld, 2015
© Copyright Paul Mensonides 2012
© Copyright Paul Mensonides 2002
© Copyright Marshall Clow, 2012
© Copyright Lorenzo Caminiti, 2009-2012
© Copyright Lorenzo Caminiti, 2008-2016
© Copyright John Maddock 2004
© Copyright Joachim Faulhaber, 2010
© Copyright Jeremy Siek 2000
© Copyright Housemarque Oy 2002© Copyright Paul Mensonides 2002
© Copyright Housemarque Oy 2002© Copyright Paul Mensonides
© Copyright Housemarque Oy 2002
© Copyright Housemarque Oy
© Copyright Henrik Ravn 2004
© Copyright Hartmut Kaiser 2005
© Copyright Fernando Luis Cacciola Carballal, 2004
© Copyright Eric Niebler 2005
© Copyright Edward Diener 2015
© Copyright Edward Diener 2014
© Copyright Edward Diener 2013
© Copyright Edward Diener 2011,2014
© Copyright Edward Diener 2011,2013,2016

© Copyright Edward Diener 2011,2013
© Copyright Edward Diener 2011
© Copyright Douglas Gregor 2003
© Copyright Christophe Henry, 2010
© Copyright Beman Dawes, 2015
© Copyright Beman Dawes, 2014
© Copyright Beman Dawes, 2012
© Copyright Beman Dawes, 2011, 2013, 2014
© Copyright Beman Dawes, 2007
© Copyright Beman Dawes, 2006-2011 , 2013
© Copyright Beman Dawes, 2006
© Copyright Beman Dawes, 2003
© Copyright Beman Dawes, 2002, 2006, 2007, 2009, 2010
© Copyright Beman Dawes, 2001
© Copyright Beman Dawes and Robert Stewart, 2011
© Copyright Beman Dawes 2015
© Copyright Beman Dawes 2003.
© Copyright Beman Dawes 2001, 2011
© Copyright Beman Dawes 1999
© Copyright Andy Tompkins, 2006
© Copyright Alexander Nasonov, Lorenzo Caminiti, 2006-2012
© Copyright Aleksey Gurtovoy 2004
© Copyright 2017 James E. King III
© Copyright 2004-2007 Jonathan Turkanis
© 2012,2014 Advanced Micro Devices, Inc. All rights reserved.
© 2007-2007 Microsoft Corporation. All rights reserved.
© 1997-2000 Metrowerks Corp.
copyrighted Hans-J. Boehm Alan J. Demers
copyrighted 1996 by Ronald Van Iwaarden.
copyright to this source code.
copyright notice: Author: Frank Warmerdam, warmerdam@pobox.com
copyright Thorsten Ottosen 2004-2007.
copyright Shunsuke Sogame 2005-2006.
copyright Paul A. Bristow 2018
copyright Paul A. Bristow 2016
copyright Paul A. Bristow 2013
copyright Paul A. Bristow 2006 - 2010
copyright Paul A. Bristow
copyright Paul A. B ristow 2018
copyright Nicolai M. Josuttis
copyright Netscape Communications, 1999
copyright Louis Dionne 2016
copyright Louis Dionne 2015
copyright Louis Dionne 2013-2013 -2017
copyright Louis Dionne 2013-2016
copyright Joyent, Inc. and other Node contributors. All rights reserved.
copyright John Maddock 2013
copyright John Maddock 2012
copyright John Maddock 2011
copyright John Maddock 2008
copyright John Maddock 2006
copyright John Maddock 2005
copyright John Maddock 2004
copyright John Maddock 2003, Artyom Beilis 2010
copyright John Maddock 2003

copyright John Maddock 2008
copyright Joel de Guzman 2018
copyright Jason Rice 2017
copyright Jason Rice 2016
copyright Igor Sysoev.
copyright Gonzalo Brito Gadeschi 2015
copyright Copyright David Abrahams, Jeremy Siek, and Thomas Witt 2003.
copyright Copyright 2007-2017 by the Sphinx team.
copyright CodeRage, LLC
copyright Boost Software License, version 1.0
copyright Beman Dawes, David Abrahams, 1999-2001
copyright 7002 Joe Hacker
copyright 2018 T. Zachary Laine
copyright 2018 Joe Blow]
copyright 2018-2018 Joe Blow, John Coe
copyright 2018 Joe Blow
copyright 2013-2018 Christian Henning
copyright 2016-2018 Joaquín M López Muñoz
copyright 2016-2018 Barrett Adair] authors [Adair, Barrett]]
copyright 2016-2018 Antony Polukhin] category Language Features Emulation]
copyright 2016-2018 Andrey Semashev] dirname winapi]
copyright 2016 Vinnie Falco
copyright 2016 Rene Rivera
copyright 2016 Daniel James] license
copyright 2016 - 2017 Vinnie Falco] purpose Networking Protocol Library]
copyright 2015 Joel Falcou]
copyright 2015 Charly Chevalier
copyright 2015 Abel Sinkovics
copyright 2014-2018 Andrzej Krzemieński
copyright 2014-2017 Steven Ross, Francisco Tapia, Orson Peters] authors [Ross, Steven]
[Tapia, Francisco] [Peters, Orson]]
copyright 2014-2017 Peter Dimov]
copyright 2014-2017 Glen Joseph Fernandes] authors [Fernandes, Glen]]
copyright 2014 by Pearson Education, Inc
copyright 2014 Renato Tegon Forti, Antony Polukhin, 2015 Antony Polukhin, 2016 Antony
Polukhin, Klemens Morgenstern]
copyright 2009-2014 Oliver Kowalke
copyright 2014 Glen Fernandes
copyright 2014 Christopher Kormanyos, John Maddock, Paul A. Bristow]
copyright 2014 Andrey Semashev] dirname core]
copyright 2013-2014 Kyle Lutz
copyright 2013, 2017, 2018 Andrey Semashev
copyright 2012-2018
copyright 2011-2016 Antony Polukhin
copyright 2012 Tim Blechmann]
copyright 2010-2017 Tropic Software East Inc
copyright 2011-2013 Steven Watanabe
copyright 2011-2013 Adam Wulkiewicz
copyright 2008-2018 Lorenzo Caminiti
copyright 2011-17 Vicente J. Botet Escriba
copyright 2011 Helge Bahmann
copyright 2011 Barend Gehrels
copyright 2010-2017 Daniel James
copyright 2010-2013 Sebastian Redl
copyright 2010-2012 Marshall Clow

copyright 2008-2011 Tim Blechmann
copyright 2010-2001 Timequake man]
copyright 2005-2018 Ion Gaztanaga
copyright 2009-2018 Barend Gehrels, Bruno Lalande, Mateusz Loskot, Adam Wulkiewicz, Oracle and/or its affiliates
copyright 2009-2016 Vladimir Batov
copyright 2009-2015 Karsten Ahnert and Mario Mulansky
copyright 2009-2013 Vicente J. Botet Escriba
copyright 2008-2010 Marcin Kalicinski
copyright 2008-2011 John Maddock
copyright 2008 Paul A. Bristow, John Maddock
copyright 2008 Howard Hinnant]
copyright 2004-2008 Eric Niebler
copyright 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 Lorenzo Caminiti
copyright 2007-2010 Joachim Faulhaber
copyright 2007-11 Anthony Williams
copyright 2007 John Maddock, Joel de Guzman, Eric Niebler and Matias Capeletto
copyright 2007 2008 Tobias Schwinger]
copyright 2007 2008 2009 Frank Mori Hess
copyright 2007 - 2016 Andrey Semashev
copyright 2006-2012 Matias Capeletto
copyright 2006-2012 Alexander Nasonov, Lorenzo Caminiti
copyright 2006-2010 Alexander Nasonov
copyright 2006, 2008 Beman Dawes]
copyright 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2014, 2017 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Christopher Kormanyos, Hubert Holin, Bruno Lalande, John Maddock, Jeremy Murphy, Johan Råde, Gautam Sewani, Benjamin Sobotta, Nicholas Thompson, Thijs van den Berg, Daryle
copyright 2006, 2007, 2008, 2009, 2010, 2011, 2012 Julio M. Merino Vidal, Ilya Sokolov, Felipe Tanus, Jeff Flinn, Boris Schaeling, 2016 Klemens D. Morgenstern
copyright 2005-2018 Rene Rivera]
copyright 2005 Olaf Krzikalla, 2006-2015 Ion Gaztanaga
copyright 2005 2006 Eric Niebler
copyright 2005 2006 2007 Douglas Gregor, Matthias Troyer, Trustees of Indiana University
copyright 2005 2006 2007 2008 Daniel James
copyright 2004-2007 Tobias Schwinger
copyright 2004-2007 Fernando Luis Cacciola Carballal
copyright 2004 Brian Ravnsgaard
copyright 2004 2005 Arkadiy Vertleyb, Peder Holt
copyright 2003-2013 Jan Gaspar
copyright 2003-2010 Thorsten Ottosen, Neil Groves
copyright 2003-2008 Peter Dimov] dirname bind
copyright 2003-2008 Matthias Christian Schabel, 2007-2010 Steven Watanabe
copyright 2003-2007 Fernando Luis Cacciola Carballal]
copyright 2003 Thorsten Ottosen
copyright 2003 2006 Beman Dawes, Rene Rivera
copyright 2003 2005 David Abrahams Jeremy Siek Thomas Witt
copyright 2003 2004 Jeremy B. Maitin-Shepard
copyright 2003 2004 2005 Douglas Gregor
copyright 2003 - 2018 Christopher M. Kohlhoff
copyright 2002-2013 John Maddock and Christopher Kormanyos
copyright 2002, 2004, 2006 Joel de Guzman, Eric Niebler
copyright 2002 The Trustees of Indiana University
copyright 2002-2002 2004 2006 Joel de Guzman, Eric Niebler
copyright 2002 2003 Eric Friedman Itay Maman

copyright 2002 2003 2004 Vladimir Prus
copyright 2002 2003 2004 Pavol Droba
copyright 2002 2003 2004 Douglas Gregor
copyright 2002 2003 2004 2005 Joel de Guzman, David Abrahams
copyright 2002 2003 2004 2005 2015 David Abrahams, Stefan Seefeld
copyright 2002 2003 2004 2005 2010 2014 2015 Joel de Guzman, Dan Marsden, Thomas Heller, John Fletcher
copyright 2002 - 2015 David Abrahams, Stefan Seefeld
copyright 20012002 2003 2004 Nicolai M. Josuttis
copyright 2001-2018 Joel de Guzman, Hartmut Kaiser
copyright 2001-2009 Beman Dawes, Daryle Walker, Gennaro Prota, John Maddock
copyright 2001-2007 Beman Dawes, Vesa Karvonen, John Maddock
copyright 2001-2006, 2010 One person, 2008 Another person
copyright 2001, 2003, 2004, 2012 Daryle Walker
copyright 2001, 2002 Peter Dimov and Multi Media Ltd.]
copyright 2001 dhusername
copyright 2001 by Yann Dirson.
copyright 2001 Jaakko
copyright 2001 Beman Dawes
copyright 2001 2003 2012 Daryle Walker
copyright 2001 2002 Indiana University
copyright 2001 2002 2003 2004 2005 CrystalClear Software, Inc
copyright 2001 2002 2003 2004 2005 2006 2011 2012 Joel de Guzman, Dan Marsden, Tobias Schwinger
copyright 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 Joel de Guzman, Hartmut Kaiser]
copyright 2001 - 2018 Boost.Test contributors
copyright 2000-2005 Kevlin Henney
copyright 2000-2005 Jens Maurer, 2009-2010 Steven Watanabe
copyright 2000 Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock
copyright 2000 Jeremy Siek Lie-Quan Lee Andrew Lumsdaine
copyright 2000 2011 Adobe Systems Inc, David Abrahams, Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant, Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek, Robert Stewart and Stev
copyright 2000 2006 Adobe Systems Inc, David Abrahams, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant, Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten Ottosen, Robert Ramey and Jeremy Siek
copyright 2000 2005 Steve Cleary and John Maddock
copyright 2000 2002 2003 Joe Blow, Jane Doe] authors [Blow, Joe] [Doe, Jane]]
copyright 2000 2002 2003 Joe Blow
copyright 2000 2001 University of Notre Dame du Lac
copyright 2000 - 2006 Stephen Cleary, 2011 Paul A. Bristow
copyright 1999-2006 Cortex Software GmbH
copyright 1998-2013 John Maddock]
copyright 1997 to 1999 by Joey Hess.
copyright 1996 1997 1998 1999 Silicon Graphics Computer Systems, Inc
copyright 1994 Hewlett-Packard Company
copyright 1977-1985 Someone else
copyright 1977 1985 Someone else
copyright 1963-1965 Jane Doe, 2018 Joe Blow, John Coe
copyright 1963, 1964, 1965 Jane Doe
copyright 1963 Jane Doe
copyright 1963 1964 1965 Jane Doe
copyright 1325-1325 John Doe

copyright (c) 2014-2018 Oracle and/or its affiliates. Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
copyright (c) 2013-2018 , Oracle and/or its affiliates. Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
copyright (c) 2013-2018 , Oracle and/or its affiliates.
copyright (c) 2016 Oracle and/or its affiliates. Contributed and/or modified by Vissarion Fysikopoulos, on behalf of Oracle
copyright (c) 2013-2018 Oracle and/or its affiliates.
copyright (c) 2015-2016, Oracle and/or its affiliates. Contributed and/or modified by Menelaos Karavelas, on behalf of Oracle Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
copyright (c) 2014-2017 Oracle and/or its affiliates. Contributed and/or modified by Menelaos Karavelas, on behalf of Oracle Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
copyright (c) 2005 troy d. straszheim <troy@resophonic.com> http://www.resophonic.com
copyright (c) 1995-2010 Geodan, Amsterdam, the Netherlands.
CrystalClear Software, Inc 2003-2006
CrystalClear Software, 2003
Copyright;Edward Diener 2013
Copyright 2010-2017 Tropic Software East Inc
Copyright(c) 2016 Francisco José Tapia (fjtapia@gmail.com)
Copyright(c) 2016 Francisco Jose Tapia (fjtapia@gmail.com)
Copyright("(c) 2004 by Henrik Ravn
Copyright © Marc Wintermantel, ETH Zurich
Copyright © John Maddock and Paul A. Bristow 2009, 2010, 2012
Copyright © John Maddock & Paul A. Bristow 2007 - 2012
Copyright © Joachim Faulhaber 2009
Copyright © Intel Corporation 2008-2010
Copyright © Andrii Sydorchuk 2010-2013
Copyright © Andrii Sydorchuk 2010-2010 -2012.
Copyright © Aleksey Gurtovoy and David Abrahams, 2002-2004
Copyright © 2017 Sergey Krivonos and Edward Diener
Copyright © 2015 UBM Canon All Rights Reserved
Copyright © 2014 by Pearson Education, Inc.. January 15, 2012. Stroustrup forum] Forum Posts.
Copyright © 2012-2018 Robert Ramey
Copyright © 2011 Paul A. Bristow
Copyright © 2009-2012 Lorenzo Caminiti
Copyright © 2009-2009 Eric Niebler
Copyright © 2008 , 2009, 2010, 2012 Paul A. Bristow, John Maddock
Copyright © 2005-2007 Aaron Windsor aaron.windsor@gmail.com
Copyright © 2006-2010, 2012-2014, 2017 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Christopher Kormanyos, Hubert Holin, Bruno Lalande, John Maddock, Jeremy Murphy, Johan Råde, Gautam Sewani, Benjamin Sobotta, Nicholas Thompson, Thijs van den Berg, Daryle Walker and Xiaogang Zh
Copyright © 2003-2008 Jan Gaspar, 2013 Paul A. Bristow
Copyright © 2003-2008 Andreas Huber Dönni
Copyright © 2003-2007 Thorsten Ottosen.
Copyright © 2002-2003 Martin Wille
Copyright © 1998-2003 Joel de Guzman
Copyright © 2002 The Trustees of Indiana University
Copyright © 2001-2011 Aleksey Gurtovoy and David Abrahams
Copyright © 2001-2002
Copyright © 2000-2006 Stephen Cleary
Copyright © 2000 Jeremy Siek, Indiana University

Copyright |C| 2017 Michel Morin
Copyright ohn Maddock 2012
Copyright jQuery Foundation and other contributors
Copyright iamvfx@gmail.com 2014
Copyright Zach Laine 2016
Copyright Zach Laine 2014
Copyright Xiaogang Zhang 2006
Copyright Wind River 2017
Copyright W.P. McNeill 2010.
Copyright Vladimur Prus 2005.
Copyright Vladimir Prus, 2002
Copyright Vladimir Prus 2002-2010 .
Copyright Vladimir Prus 2007
Copyright Vladimir Prus 2005
Copyright Vladimir Prus 2004
Copyright Vladimir Prus 2002-2004
Copyright Vladimir Prus 2002, 2003, 2004, 2005
Copyright Vladimir Prus 2002
Copyright Vladimir Prus
Copyright Vladimir Batov 2009-2016
Copyright Vicente J. Botet Escriba 2010-2012 .
Copyright Vicente J. Botet Escriba 2010
Copyright Vicente J. Botet Escriba 2009-2011
Copyright Vicente J. Botet Escriba 2009-2010
Copyright Vicente J. Botet Escriba 2009
Copyright Trustees of Indiana University Jeremiah Willcock
Copyright Troy D. Straszheim 2009
Copyright Toon Knapen, David Abrahams, Roland Richter, and Jeremy Siek 2003.
Copyright Toon Knapen 2004.
Copyright Tobias Schwinger 2005-2007
Copyright Timmo Stange 2007.
Copyright Tim Blechmann 2012.
Copyright Thorsten Ottosen, Neil Groves 2006.
Copyright Thorsten Ottosen, Neil Groves 2006 - 2008
Copyright Thorsten Ottosen, 2009.
Copyright Thorsten Ottosen 2009
Copyright Thorsten Ottosen 2003-2008 .
Copyright Thorsten Ottosen 2008
Copyright Thorsten Ottosen 2006
Copyright Thorsten Ottosen 2003-2004 -2007
Copyright Thorsten Ottosen 2003-2004 -2006
Copyright Thorsten Ottosen 2003-2005
Copyright Thorsten Ottosen 2003-2004
Copyright Thorsten Ottosen & Larry Evans 2003-2005
Copyright Thomas Witt 2004-2005 .
Copyright Thomas Witt 2003, Jeremy Siek 2004.
Copyright Thomas Witt 2003
Copyright Thomas Sailer 2013
Copyright Thomas Mang 2010-2012 .
Copyright Thomas Kent 2016
Copyright Thomas Becker 2003
Copyright Thijs van den Berg, 2008.
Copyright Thijs van den Berg 2014
Copyright Terje Sletteb and Kevlin Henney, 2005.
Copyright Szabolcs Toth (thszabi@gmail.com) 2016.

Copyright Steven Watanabe 2014
Copyright Steven Watanabe 2011
Copyright Steven Watanabe 2009-2010 -2011
Copyright Steven Watanabe 2010
Copyright Steven Watanabe 2009.
Copyright Steven Ross 2014
Copyright Steven Ross 2009-2014 .
Copyright Steven J. Ross 2014
Copyright Steven J. Ross 2001-2008 - 2014
Copyright Steven J. Ross 2001 - 2009
Copyright Stefan Seefeld 2016
Copyright Stefan Seefeld 2005-2007 .
Copyright Shunsuke Sogame 2005-2005 -2006.
Copyright Shreyans Doshi 2017
Copyright Sergue E. Leontiev 2013
Copyright Sergey Shandar 2005, Alexander Nasonov, 2007.
Copyright Sergey Nizovtsev 2016
Copyright Sergey Krivonos 2017
Copyright Sebastian Redl 2009
Copyright Sebastian Ramacher, 2007
Copyright Sascha Ochsenknecht 2009
Copyright Samuel Krempp 2003.
Copyright Ruslan Baratov 2017
Copyright Robin Linden 2018
Copyright Robin Eckert 2015-2015 .
Copyright Robert Ramey 2015
Copyright Robert Ramey 2007
Copyright Robert Ramey 2002-2005 -2009
Copyright Robert Ramey 2002-2015
Copyright Robert Ramey 2002-2010
Copyright Robert Ramey 2002-2008 .
Copyright Robert Ramey 2002-2004 and Matthias Troyer 2006
Copyright Robert Ramey 2002-2004
Copyright Riccardo Marcangelo
Copyright Rene Rivera 2017
Copyright Rene Rivera 2016
Copyright Rene Rivera 2005-2015 -2016
Copyright Rene Rivera 2015
Copyright Rene Rivera 2008-2014 -2015
Copyright Rene Rivera 2014
Copyright Rene Rivera 2013-2013 -2018
Copyright Rene Rivera 2013-2014
Copyright Rene Rivera 2013
Copyright Rene Rivera 2008-2011 -2017
Copyright Rene Rivera 2008-2011 -2013
Copyright Rene Rivera 2011-2012
Copyright Rene Rivera 2008, Daryle Walker 2011
Copyright Rene Rivera 2004-2010 .
Copyright Rene Rivera 2008
Copyright Rene Rivera 2006
Copyright Rene Rivera 2004
Copyright Renato Tegon Forti, Antony Polukhin 2011 - 2018
Copyright Renato Tegon Forti 2011 - 2013.
Copyright Ralf W. Grosse-Kunstleve 2002-2006 .
Copyright Ralf W. Grosse-Kunstleve 2001

Copyright Ralf W. Grosse-Kunstleve & David Abrahams 2006.
Copyright Polytechnic University, 2002--2004.
Copyright Pierre Esterie & Joel Falcou
Copyright Peter Dimov and Multi Media Ltd 2001, 2002
Copyright Peter Dimov and David Abrahams 2002
Copyright Peter Dimov 2018
Copyright Peter Dimov 2017, 2018
Copyright Peter Dimov 2017
Copyright Peter Dimov 2015
Copyright Peter Dimov 2000-2001 -2003
Copyright Peter Dimov 2000-2001 -2002
Copyright Peter Dimov 2001
Copyright Pedro Ferreira 2005.
Copyright Peder Holt 2005
Copyright Pavol Droba 2002-2006 .
Copyright Pavol Droba 2002-2003
Copyright Paul a. Bristow 2010
Copyright Paul Moore 1999-2001
Copyright Paul Moore 1999
Copyright Paul Mensonides 2003
Copyright Paul Lin 2003. Copyright 2006 Bojan Resnik.
Copyright Paul Fultz II 2018
Copyright Paul Fultz II 2016-2018
Copyright Paul Bristow 2006-2014 .
Copyright Paul A. Britow 2009
Copyright Paul A. Bristow 2018
Copyright Paul A. Bristow 2006-2018 .
Copyright Paul A. Bristow 2017
Copyright Paul A. Bristow 2016, 2017, 2018.
Copyright Paul A. Bristow 2016 -->
Copyright Paul A. Bristow 2016
Copyright Paul A. Bristow 2015
Copyright Paul A. Bristow 2014
Copyright Paul A. Bristow 2013
Copyright Paul A. Bristow 2011
Copyright Paul A. Bristow 2010, 2015
Copyright Paul A. Bristow 2010, 2013
Copyright Paul A. Bristow 2010
Copyright Paul A. Bristow 2009 - 2012
Copyright Paul A. Bristow 2008, 2009, 2014.
Copyright Paul A. Bristow 2008, 2009, 2012, 2016
Copyright Paul A. Bristow 2008
Copyright Paul A. Bristow 2007, 2013-14.
, 2007-2017 .
Copyright Paul A. Bristow 2007-2010 , 2011
Copyright Paul A. Bristow 2007-2007 , 2009, 2010, 2012.
Copyright Paul A. Bristow 2007-2009 , 2010
Copyright Paul A. Bristow 2007, 2009
Copyright Paul A. Bristow 2007
Copyright Paul A. Bristow 2006-7.
Copyright Paul A. Bristow 2006-2011
Copyright Paul A. Bristow 2006, 2007, 2012
Copyright Paul A. Bristow 2006, 2007, 2009, 2010.
Copyright Paul A. Bristow 2006, 2007
Copyright Paul A. Bristow 2006

Copyright Paul A. Bristow & John Maddock 2009, 2010
Copyright Paul A. Bristow & John Maddock 2009
Copyright Paul A. Bristow
Copyright Paul A. 2007, 2010
Copyright Paul A> Bristow 2010
Copyright Orson Peters 2017.
Copyright Oliver Kowalke, Nat Goodspeed 2015.
Copyright Oliver Kowalke 2018
Copyright Oliver Kowalke 2017
Copyright Oliver Kowalke 2015
Copyright Oliver Kowalke 2013
Copyright Oliver Kowalke 2009-2017 .
Copyright Oliver Kowalke 2009
Copyright Oliver Kowalke / Nat Goodspeed 2015.
Copyright Nuxi, https://nuxi.nl/ 2015.
Copyright Noel Belcourt 2007-2007 .
Copyright Nikolay Mladenov 2007.
Copyright Nikhar Agrawal 2013-14
Copyright Nicolas Lelong, 2010
Copyright Nick Thompson, 2018
Copyright Nick Thompson, 2017
Copyright Nick Thompson 2017
Copyright Nicholas Thompson 2018
Copyright Nicholas Thompson 2017.
Copyright Niall Douglas 2005
Copyright Neil Groves 2007-2014 .
Copyright Neil Groves 2014
Copyright Neil Groves 2013
Copyright Neil Groves 2011
Copyright Neil Groves 2009
Copyright Neil Groves 2003-2004
Copyright Neil Groves & Thorsten Ottosen & Pavol Droba 2003-2004
Copyright Nat Goodspeed 2013-2015 .
Copyright Nat Goodspeed 2014
Copyright Nat Goodspeed 2013
Copyright Nat Goodspeed + Oliver Kowalke 2015
Copyright Nasos Iliopoulos, Gunter Winkler 2009
Copyright Nakhar Agrawal 2013.
Copyright Michael Stevens 2004
Copyright Michael Drexl 2006, 2007.
Copyright Michael Drexl 2005, 2006
Copyright Michael Caisse 2010
Copyright Matthias Troyer 2005.
Copyright Matias Capeletto 2006-2007
Copyright Marshall Clow 2013
Copyright Marshall Clow 2010-2012
Copyright Marshall Clow 2007
Copyright Markus J. Weber 2015
Copyright Marco Guazzone 2014
Copyright Louis Dionne, 2013-2016
Copyright Louis Dionne 2016
Copyright Louis Dionne 2015
Copyright Louis Dionne 2013-2017Gonzalo Brito Gadeschi 2015
Copyright Louis Dionne 2013-2017 Jason Rice 2017
Copyright Louis Dionne 2013-2013 -2017

Copyright Louis Dionne 2013-2013 -2016
Copyright Louis Dionne 2013
Copyright Lingxi Li 2015.
Copyright Kohei Takahashi 2012-2016 .
Copyright Klemens Morgenstern, 2012-2015.
Copyright Kevlin Henney, 2000-2005.
Copyright Kevlin Henney, 2000-2001 . All rights reserved.
Copyright Kevlin Henney, 2000, 2001, 2002. All rights reserved.
Copyright Keld Helsgaun 2000, Oliver Kowalke 2014
Copyright Keith MacDonald 2005.
Copyright Justinas Vygintas Daugmaudis, 2010-2018
Copyright Justinas Vygintas Daugmaudis, 2010
Copyright Justinas Vygintas Daugmaudis 2010-2018
Copyright Jurko Gospodnetic 2008
Copyright Joyent, Inc. and other Node contributors. All rights reserved.
Copyright Jonathan Turkanis 2005.
Copyright Jonathan Brandmeyer, 2004
Copyright John Z. Maddock 2017
Copyright John Z. Maddock 2016
Copyright John R. Bandela 2001.
Copyright John R. Bandela 2000-2002
Copyright John Maddock, 2017
Copyright John Maddock and Paul A. Bristow 2010
Copyright John Maddock 2018
Copyright John Maddock 2005-2017 .
Copyright John Maddock 2017
Copyright John Maddock 2016
Copyright John Maddock 2015
Copyright John Maddock 2014
Copyright John Maddock 2013
Copyright John Maddock 2012
Copyright John Maddock 2011
Copyright John Maddock 2010
Copyright John Maddock 2009 - 2012
Copyright John Maddock 2009
Copyright John Maddock 2008-11
Copyright John Maddock 2008
Copyright John Maddock 2007-2007 -8.
Copyright John Maddock 2007, 2014
Copyright John Maddock 2007
Copyright John Maddock 2006-7.
Copyright John Maddock 2006-7, 2013-14.
Copyright John Maddock 2006-15.
Copyright John Maddock 2006, 2010
Copyright John Maddock 2006, 2007, 2012, 2014.
Copyright John Maddock 2006, 2007
Copyright John Maddock 2006
Copyright John Maddock 2005-2006, 2011.
Copyright John Maddock 2005
Copyright John Maddock 2002-2002 -4.
Copyright John Maddock 20010
Copyright John Maddock 2001
Copyright John Maddock 200
Copyright John Maddock 20
Copyright John Maddock & Paul A. Bristow 2007, 2009, 2010, 2012

Copyright John Maddock
Copyright Johan Rade and Paul A. Bristow 2011
Copyright Joel de Guzman 2002-2006 .
Copyright Joel de Guzman 2004
Copyright Joel de Guzman 2002-2007
Copyright Joel Falcou 2015
Copyright Jim Bosch 2010-2011 -2012
Copyright Jim Bosch & Ankit Daftery 2010-2010 -2012.
Copyright Jessica Hamilton 2014
Copyright Jeremy W. Murphy 2015.
Copyright Jeremy Siek, David Abrahams 2000-2006
Copyright Jeremy Siek 2002
Copyright Jeremy Murphy 2016.
Copyright Jens Maurer 2006-1011
Copyright Jens Maurer 2006
Copyright Jens Maurer 2002
Copyright Jens Maurer 2000-2001
Copyright Jens Maurer 2000, 2002
Copyright Jens Maurer 2000
Copyright Jeff Garland and Beman Dawes, 2002
Copyright Jean-loup Gailly Osma Ahvenlampi <Osma.Ahvenlampi@hut.fi>
Copyright Jason Rice 2017
Copyright Jason Rice 2016
Copyright Jason Rice 2015
Copyright Jason Rhinelander 2016
Copyright Jane Doe
Copyright Jan Langer 2002
Copyright Jan Gaspar 2003-2008.
Copyright James E. King, III - 2017
Copyright James E. King III, 2017
Copyright James E. King III 2018
Copyright Jaap Suter 2003
Copyright Ion Gaztanaga 2009-2013 .
Copyright Ion Gaztanaga 2006
Copyright Ion Gaztanaga 2005-2009
Copyright Indiana University Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright Howard Hinnant 2007-2010.
Copyright Hervé Brönnimann, Polytechnic University, 2002--2004.
Copyright Helge Bahmann 2011.
Copyright Gunter Winkler 2004 - 2009
Copyright Gottfried Ganßauge 2006
Copyright Gottfried Ganßauge 2003..2006
Copyright Gottfried Ganßauge 2003.
Copyright Gennaro Prota 2006.
Copyright Gennadiy Rozental 2001-2014.
Copyright Gennadiy Rozental
Copyright Gautam Sewani 2008
Copyright Gautam Sewani
Copyright Franz Detro 2014
Copyright Frank Mori Hess 2009
Copyright Frank Mori Hess 2007-2009 .
Copyright Frank Mori Hess 2007-2008 -2009
Copyright Frank Mori Hess 2008
Copyright Frank Mori Hess 2007-2010
Copyright Frank Mori Hess 2007-2007 -2008

Copyright Frank Mori Hess 2007
Copyright Fernando Vilas 2012.
Copyright Fernando Cacciola, 2002 - 2010
Copyright Felix E. Klee, 2003
Copyright Eric Niebler 2014
Copyright Eric Niebler 2005-2010 .
Copyright Eric Niebler 2009
Copyright Eric Niebler 2008
Copyright Eric Niebler 2007
Copyright Eric Niebler 2006
Copyright Eric Niebler 2005
Copyright Eric Friedman 2003
Copyright Eric Friedman 2002-2003
Copyright Eric Friedman 2002
Copyright Emil Dotchevski 2007
Copyright Edward Nevill + Oliver Kowalke 2015
Copyright Edward Diener 2015
Copyright Edward Diener 2013
Copyright Duncan Exon Smith 2012
Copyright Douglas Gregor 2001-2008 .
Copyright Douglas Gregor 2001-2002 -2004
Copyright Douglas Gregor 2001-2006
Copyright Douglas Gregor 2001-2003
Copyright Doug Gregor, Indiana University Jeremiah Willcock, Indiana University
Copyright Doug Gregor 2004
Copyright Dietmar Kuehl 2001
Copyright Dezide Aps 2003-2004
Copyright Deniz Bahadir 2015
Copyright David Abrahams, Matthias Troyer, Michael Gauckler 2005.
Copyright David Abrahams, Jeremy Siek, and Thomas Witt 2003-2004 .
Copyright David Abrahams, Jeremy Siek, and Thomas Witt 2004
Copyright David Abrahams, Jeremy Siek, and Thomas Witt 2003
Copyright David Abrahams, Jeremy Siek, Vladimir Prus 2006.
Copyright David Abrahams, Jeremy Siek, Thomas Witt 2003.
Copyright David Abrahams, Jeremy Siek 2003.
Copyright David Abrahams, Daniel Wallin 2006
Copyright David Abrahams, Daniel Wallin 2005-2009 .
Copyright David Abrahams, Daniel Wallin 2005-2005 -2009
Copyright David Abrahams, Daniel Wallin 2003
Copyright David Abrahams and Thomas Becker 2003
Copyright David Abrahams and Thomas Becker 2000-2006 .
Copyright David Abrahams and Ralf W. Grosse-Kunstleve 2003. All rights reserved
Copyright David Abrahams and Nikolay Mladenov 2003
Copyright David Abrahams and Jeremy Siek 2003
Copyright David Abrahams and Gottfried Ganssauge 2003.
Copyright David Abrahams and Brett Calcott 2003.
Copyright David Abrahams and Aleksey Gurtovoy 2002-2004
Copyright David Abrahams 2009
Copyright David Abrahams 2006
Copyright David Abrahams 2005
Copyright David Abrahams 2004
Copyright David Abrahams 2003-2004
Copyright David Abrahams 2003, Jeremy Siek 2004.
Copyright David Abrahams 2003
Copyright David Abrahams 2002-2003

Copyright David Abrahams 2002, Joel de Guzman, 2002.
Copyright David Abrahams 2002
Copyright David Abrahams 2001-2009 .
Copyright David Abrahams 2000-2001 -2002
Copyright David Abrahams 2001
Copyright David Abrahams & Ralf W. Grosse-Kunsteve 2004-2006
Copyright David Abrahams
Copyright Dave Abrahams 2005-2006.
Copyright Dave Abrahams 2001-2002
Copyright Daryle Walker, Hubert Holin, John Maddock 2006 - 2007
Copyright Daryle Walker, Hubert Holin and John Maddock 2006
Copyright Daryle Walker 2001-2011 .
Copyright Darin Adler 2000
Copyright Daniel Wallin, David Abrahams 2010.
Copyright Daniel Wallin, David Abrahams 2005
Copyright Daniel Wallin 2007
Copyright Daniel Wallin 2006.
Copyright Daniel Wallin 2005
Copyright Daniel Walker, Eric Niebler, Michel Morin 2008-2012
Copyright Daniel Walker 2006-2007 .
Copyright Daniel Walker 2007
Copyright Daniel Trebbien 2010
Copyright Daniel James 2013-2018
Copyright Daniel James 2012
Copyright Daniel James 2005-2009 .
Copyright Daniel James 2009
Copyright Daniel James 2005-2008 -2009
Copyright Cromwell D. Enage 2004
Copyright Craig Rodrigues 2005-2005 .
Copyright Christopher Kormanyos 2013-14
Copyright Christopher Kormanyos 2002-2016 .
Copyright Christopher Kormanyos 2013
Copyright Christopher Kormanyos
Copyright Christopher Brown 2013
Copyright Christoper Kohlhoff 2007
Copyright Chris Glover, 2016.
Copyright Charly Chevalier 2015
Copyright Catherine Morton 2015.
Copyright Bryce Lelbach 2010.
Copyright Bruno Dutra 2015
Copyright Brian Kuhl 2017.
Copyright Boris Gubenko 2007.
Copyright Bertolt Mildner 2004.
Copyright Benjamin Worpitz 2018
Copyright Benjamin Sobotta 2012.
Copyright Beman Dawes, Daryle Walker, Gennaro Prota and John Maddock 2001-2009
Copyright Beman Dawes, 2015
Copyright Beman Dawes, 2014
Copyright Beman Dawes, 2013
Copyright Beman Dawes, 2011
Copyright Beman Dawes, 2010
Copyright Beman Dawes, 2009
Copyright Beman Dawes, 2008
Copyright Beman Dawes, 2006
Copyright Beman Dawes, 2004

Copyright Beman Dawes, 2003, 2011
Copyright Beman Dawes, 2003
Copyright Beman Dawes, 2002-2005, 2010
Copyright Beman Dawes, 2002-2005
Copyright Beman Dawes, 2002, 2006, 2007, 2009-2010 , 2011
Copyright Beman Dawes, 2002, 2003
Copyright Beman Dawes, 2002
Copyright Beman Dawes, 2001
Copyright Beman Dawes and Daryle Walker 1999.
Copyright Beman Dawes 2017
Copyright Beman Dawes 2015
Copyright Beman Dawes 1995-2014 .
Copyright Beman Dawes 2014
Copyright Beman Dawes 2013
Copyright Beman Dawes 2012
Copyright Beman Dawes 2011
Copyright Beman Dawes 2010, 2011, 2014
Copyright Beman Dawes 2010
Copyright Beman Dawes 2009
Copyright Beman Dawes 2008-2014 , 2015
Copyright Beman Dawes 2008
Copyright Beman Dawes 2007
Copyright Beman Dawes 2006, 2013
Copyright Beman Dawes 1994-2006 , 2008
Copyright Beman Dawes 2006, 2007
Copyright Beman Dawes 2006
Copyright Beman Dawes 2005
Copyright Beman Dawes 1994-2007 , 2011
Copyright Beman Dawes 2003-2009 , 2010
Copyright Beman Dawes 2002-2003 , 2006
Copyright Beman Dawes 2003
Copyright Beman Dawes 2002-2009
Copyright Beman Dawes 2002-2008 , 2009
Copyright Beman Dawes 2002
Copyright Beman Dawes 2001
Copyright Beman Dawes 2000-2004
Copyright Beman Dawes 1999-2008
Copyright Beman Dawes 1999-2003
Copyright Beman Dawes 1994-99.
Copyright Barrett Adair 2015-2016 -2017
Copyright Barrett Adair 2015-2018
Copyright Barend Gehrels 2010-2011 , Geodan, Amsterdam, the Netherlands
Copyright Arnaud Kapp, Oliver Kowalke 2016
Copyright Antony Polukhin, 2011-2018 .
Copyright Antony Polukhin 2011-2018 .
Copyright Ankit Daftery 2011-2012.
Copyright Andy Tompkins 2006.
Copyright Andrii Sydorchuk 2010-2015 .
Copyright Andrey Semashev, 2013
Copyright Andrey Semashev 2007-2018 .
Copyright Andrey Semashev 2015
Copyright Andrey Semashev 2007 - 2017
Copyright Andrey Semashev 2007 - 2015
Copyright Andreas Huber Dönni
Copyright Alexander Nasonov, 2006-2010 .

Copyright Alexander Nasonov 2004
Copyright Alexander Nasonov & Paul A. Bristow 2006.
Copyright Alexander Grund 2018.
Copyright Aleksey Gurtovoy 2009
Copyright Aleksey Gurtovoy 2008
Copyright Aleksey Gurtovoy 2000-2007 -2009
Copyright Aleksey Gurtovoy 2006.
Copyright Aleksey Gurtovoy 2000-2004 -2008
Copyright Aleksey Gurtovoy 2004
Copyright Aleksey Gurtovoy 2001-2003 -2007
Copyright Aleksey Gurtovoy 2000-2003 -2006
Copyright Aleksey Gurtovoy 2000-2003 -2004
Copyright Aleksey Gurtovoy 2000-2002 -2010
Copyright Aleksey Gurtovoy 2000-2005
Copyright Aleksey Gurtovoy 2000-2003
Copyright Aleksey Gurtovoy 2000-2002
Copyright AlainMiniussi 20014 - 20015.
Copyright Alain Miniussi 2014.
Copyright Alain Miniussi 20014
Copyright Akira Takahashi 2013.
Copyright Akira Takahashi 2011
Copyright Adam D. Walling 2012.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2017
Copyright Abel Sinkovics (abel@sinkovics.hu) 2016
Copyright Abel Sinkovics (abel@sinkovics.hu) 2009-2015 .
Copyright Abel Sinkovics (abel@sinkovics.hu) 2013
Copyright ;2016-2017 Vinnie Falco
Copyright 2018 T. Zachary Laine whatwasthataddress@gmail.com)
Copyright 2018 T. Zachary Laine
Copyright 2008-2018 Steven Watanabe
Copyright 2011-2018 Stefan Seefeld
Copyright 2002-2018 Rene Rivera
Copyright 2002-2018 Peter Dimov.
Copyright 2018-2018 Paul Fultz II
Copyright 2017-2018 Nick Thompson.
Copyright 2018-2018 Mike Dev
Copyright 2018 Mateusz Loskot <mateusz@loskot.net>
Copyright 2018 Mateusz Loskot <mateusz at loskot dot net>
Copyright 1998-2018 John Maddock.
Copyright 2005-2018 Daniel James.
Copyright 2012-2018 Antony Polukhin
Copyright 2018 Andrzej Krzemieński
Copyright 2018 Andrzej Krzemienski
Copyright 2007-2018 Andrey Semashev
Copyright 2003-2018 Joaquin M Lopez Munoz.
Copyright 2012-2018 Glen Joseph Fernandes glenjofe@gmail.com)
Copyright 2017, Nick Thompson
Copyright 2017-2017 , NVIDIA CORPORATION.
Copyright 2017, 2018 James E. King III
Copyright 2017 Vinnie NotDefaultConstructible
Copyright 2017 Vinnie Falco
Copyright 2017 Tom Westerhout font fixes to support Sphinx
Copyright 2017 Kohei Takahashi
Copyright 2017-2017 James E. King, III.
Copyright 2017 Glen Joseph Fernandes (glenjofe@gmail.com)

Copyright 2017 Dmitry Arkhipov
Copyright 2017 Bjørn Reese
Copyright 2016-2017 Alexander Zaitsev
Copyright 2017 Alexander Karzhenkov
Copyright 2017 - Refael Ackermann
Copyright 2017-2018 James E. King III
Copyright 2003-2018 . Rene Rivera
Copyright 2006-2018 Joaqu
Copyright 2015-2018 Barrett Adair
Copyright 2003-2018 Joaquín M López Muñoz.
Copyright 2016, Paul Fultz II.
Copyright 2009-2016 Vicente J. Botet Escriba
Copyright 2016 Mikhail Maximov.
Copyright 2009-2016 Mario Mulansky
Copyright 2016 Klemens Morgenstern, Antony Polukhin
Copyright 2015-2016 Klemens Morgenstern
Copyright 2009-2016 Karsten Ahnert
Copyright 2016 Jorge Lodos
Copyright 2016 John Maddock, Paul A. Bristow, Thomas Luu, Nicholas Thompson.
Copyright 2016 Giel van Schijndel
Copyright 2013-2017 , Antony Polukhin.
Copyright 2015-2016 Klemens D. Morgenstern
Copyright 2015-2016 Antony Polukhi
Copyright 2015, Wind River Inc.
Copyright 2015, 2016, 2017 Peter Dimov.
Copyright 2015 Robin Eckert
Copyright 2015 Paul A. Bristow.""\n"
Copyright 2014-2015 NumScale SAS
Copyright 2015 Mario Mulansky <mario.mulansky@gmx.net>
Copyright 2015 LRI UMR 8623 CNRS/University Paris Sud XI
Copyright 2006-2015 John Maddock and Paul A. Bristow
Copyright 2015-2015 John Fletcher.
Copyright 2015 Jeremy William Murphy.
Copyright 2015 Gregor de Cillia
Copyright 2015 Charly Chevalier Copyright 2015 Joel Falcou
Copyright 2015-2015 Artur Shepilko.
Copyright 2015 Abel Sinkovics
Copyright 2015 Aaron Boman
Copyright 2014Glen Fernandes glenjofe@gmail.com
Copyright 2014-2017 Steven Ross, Francisco Tapia, Orson Peters
Copyright 2014-2017 Glen Joseph Fernandes
Copyright 2014-2015 Renato Tegon Forti, Antony Polukhin.
Copyright 2012-2017 Glen Fernandes
Copyright 2014, Raffi Enficiaud
Copyright 2014, 2015, 2017 Peter Dimov
Copyright 2014 Renato Tegon Forti, Antony Polukhin Copyright 2015 Antony Polukhin
Copyright 2016 Antony Polukhin, Klemens Morgenstern
Copyright 2014 Peter Dimov Copyright 2014 Glen Fernandes Copyright 2014 Andrey Semashev
Copyright 2009-2014 Oliver Kowalke
Copyright 2014 Microsoft Corporation
Copyright 2014 MetaScale SAS
Copyright 2014-2014 Marco Guazzone (marco.guazzone@gmail.com).
Copyright 2005-2018 Ion Gaztanaga.
Copyright 2014 Christopher Kormanyos, John Maddock and Paul A. Bristow.

Copyright 2014 Boris Rasin, Antony Polukhin
Copyright 2014 Bill Gallafent
Copyright 2014 Alexander Lauser. Authors: Alexander Lauser
Copyright 2014 Agustin Berge
Copyright 2014 Adam Wulkiewicz
Copyright 2013-2018, Boost.Test team.
Copyright 2013-20014, Antony Polukhin.
Copyright 2013, Jakob Lykke Andersen, University of Southern Denmark
jlandersen@imada.sdu.dk
, 2017-2018 Cray, Inc.
Copyright 2013, 2014 Nikhar Agrawal, Christopher Kormanyos, John Maddock, Paul A. Bristow.
Copyright 2013, 2013 John Maddock, Anton Bikineev.
Copyright 2013 University of Warsaw. Authors: Piotr Wygocki
Copyright 2013 Peter Breitenlohner
Copyright 2013 Paul Bristow
Copyright 2013-2013 Pascal Germroth
Copyright 2013 Nikhar Agrawal
Copyright 2013 Niall Douglas
Copyright 2013 Maciej Piechotka Authors: Maciej Piechotka
Copyright 2013 Maciej Piechotka
Copyright 2013 Kyle Lutz
Copyright 2013-2013 Krzysztof Czainski
Copyright 2013 Juan V. Puertos G-Cluster, Christian Henning
Copyright 2013 Google Inc. All rights reserved.
Copyright 2013 Eurodecision Author Guillaume Pinot
Copyright 2013 Davide Anastasia <davideanastasia@users.sourceforge.net>
Copyright 2013-2013 Christopher Kormanyos.
Copyright 2013 Christian Shelton
Copyright 2013 Christian Henning and Juan V. Puertos
Copyright 2013 Ankur Sinha
Copyright 2013 Piotr Wygocki, University of Warsaw
Copyright 2012. Jurko Gospodnetic
Copyright 2012-2018 Robert Ramey
Copyright 2012-2018 Glen Joseph Fernandes glenjofe@gmail.com
Copyright 2012-2013 Rajeev Singh
Copyright 2012-2013 Andreas Angelopoulos
Copyright 2012, Philipp Moeller
Copyright 2012, Flavio De Lorenzi fdlorenzi@gmail.com
Copyright 2001-2013 The Trustees of Indiana University.
Copyright 2012 Sylwester Arabas
Copyright 2012 Pierre Talbot
Copyright 2012 Phil Endecott
Copyright 2012 Paul A. Bristow with new tests.
Copyright 2012 Olivier Tournaire, Christian Henning
Copyright 2012 Olivier Tournaire
Copyright 2012 Michele Caini michele.caini@gmail.com
Copyright 2012 Lucanus Simonson
Copyright 2012 Lee Hodgkinson
Copyright 2012 K R Walker
Copyright 2012 IBM Corp.
Copyright 2012 Google, Inc.
Copyright 2012 Fernando Vilas 2010 Daniel Trebbien
Copyright 2012 Fernando Vilas
Copyright 2012 Denis Demidov
Copyright 2012 David Doria Authors: David Doria

Copyright 2001-2013 Daryle Walker.
Copyright 2012 Chung-Lin Wen, Davide Anastasia
Copyright 2012 Chung-Lin Wen
Copyright 2012 Christoph Koke
Copyright 2012 Beman Daves
Copyright 2012 Bejamin Sobotta, John Maddock and Paul A. Bristow.
Copyright 2012 Authors: David Doria
Copyright 2012 Andreas Pokorny
Copyright 2012 (C) Jeffrey Lee Hellrung, Jr.
Copyright 2012 (C) Google, Inc.
Copyright 2006-2013 Thorsten Ottosen
Copyright 2009-2012 Vicente J.Botet Escriba.
Copyright 2011-2012 Renato Tegon Forti.
Copyright 2009-2011 , The Dojo Foundation
Copyright 2011, John Resig
Copyright 2011, Andrew Ross
Copyright 2011, AUTHORS.txt (http://jqueryui.com/about)
Copyright 2006-2015 Paul A. Bristow
Copyright 2011, 2012 Lorenzo Caminiti
Copyright 2011 Simon West.
Copyright 2011 Paul A. Bristow and Thomas Mang.
Copyright 2011 Helge Bahmann Copyright 2012 Tim Blechmann Copyright 2013, 2017, 2018 Andrey Semashev
Copyright 2011 Garmin Ltd. or its subsidiaries
Copyright 2008-2011 Christophe Henry henry UNDERSCORE christophe AT hotmail DOT com
Copyright 2011 Beman Dawes</p> li> li>
Copyright 1999-2017 Beman Dawes
Copyright 2010-2012, D. E. Shaw Research. All rights reserved.
Copyright 2010-2018 Mateusz Loskot
Copyright 2010-2013 Marshall Clow
Copyright 2010-2012 Kenneth Riddile, Christian Henning
Copyright 2010, Niels Dekker.
Copyright 2010, Jeffrey Hellrung.
Copyright 2010, 2011 Tim Blechmann
Copyright 2001-2017 Vladimir Prus
Copyright 2010 Thomas Heller
Copyright 2010 Thomas Claveirole Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Thomas Claveirole
Copyright 2010 Radical Eye Software (www.radicaleye.com)
Copyright 2010 Matthias Walter xammy@xammy.homelinux.net xammy@xammy.homelinux.net
Copyright 2010 Matthias Walter
Copyright 2010 Kenneth Riddile
Copyright 2010 Igor R
Copyright 2008-2010 Howard Hinnant
Copyright 2008-2010 Gunter Winkler <guwi17@gmx.de>
Copyright 2010 Georg Fritzsche
Copyright 2010 Gaetano Mendola, 2011 Simon West.
Copyright 2010 Fabien Castan, Christian Henning
Copyright 2010 Daniel Wallin, Eric Niebler.
Copyright 2010 Daniel Trebbien
Copyright 2010 Barend Gehrels.
Copyright 2006-2010 Andy Tompkins.
Copyright 2002-2010 Andreas Huber Doenni
Copyright 2010 ASCII MEDIA WORKS. (ptex-staff@ml.asciimw.jp)
Copyright 2010 (c) Dean Michael Berris

Copyright 2009/2010 Vicente J. Botet Escriba
Copyright 2009-2018 Barend Gehrels, Bruno Lalande, Mateusz Loskot, Adam Wulkiewicz, Oracle and/or its affiliates
Copyright 2009-2016 Vladimir Batov
Copyright 2009-2015 Karsten Ahnert and Mario Mulansky
Copyright 2009-2014 Neil Groves.
Copyright 2008-2018 Lorenzo Caminiti
Copyright 2009-2012 Artyom Beilis
Copyright 2009-2010 Vicente J. Botet Escrib&aacute
Copyright 2009-2010 Mateusz Loskot, London, UK
Copyright 2009-2010 Intel Corporation license banner
Copyright 2008-2010 Intel Corporation
Copyright 2009, Andrew Sutton
Copyright 2009 Trustees of Indiana University. Authors: Michael Hansen, Andrew Lumsdaine
Copyright 2009 Trustees of Indiana University. Authors: Michael Hansen
Copyright 2009 Trustees of Indiana University. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Michael Hansen
Copyright 2009 Trustees of Indiana University Authors: Jeremiah J. Willcock, Andrew Lumsdaine
Copyright 2009 Trustees of Indiana University Author: Jeremiah Willcock
Copyright 2009 ACM 1
Copyright 2009-2014 LRI UMR 8623 CNRS/Univ Paris Sud XI
Copyright 2009 (C) Dean Michael Berris <me@deanberris.com>
Copyright 2008-2011 Tim Blechmann
Copyright 2008-2011 Bruno Lalande, Paris, France
Copyright 2008-2010 Marcin Kalicinski Copyright 2010-2013 Sebastian Redl
Copyright 2008-2010 Gordon Woodhull
Copyright 2008-2009 Frank Mori Hess
Copyright 2008-2012 Jurko Gospodnetic
Copyright 2008, 2010, 2012, 2013, 2014, 2015 John Maddock and Paul A. Bristow.
Copyright 2008, 2009 John Maddock, Paul A. Bristow and M.A. (Thijs) van den Berg.
Copyright 2006-2013 Roland Schwarz
Copyright 2008 Lubomir Bourdev and Hailin Jin
Copyright 2008 Jurko Gospodnetic, Vladimir Prus
Beman Dawes Copyright 2009-2013 Vicente J. Botet Escriba
Copyright 2001-2011 Hartmut Kaiser.
Copyright 2008 Gautam Sewani
Copyright 2008 Eduardo Gurgel
Copyright 2007-2008 David Jenkins.
Copyright 2008 CodeRage, LLC Copyright 2004-2007 Jonathan Turkanis
Copyright 2008 CodeRage, LLC 2004-2007 Jonathan Turkanis Author: Jonathan Turkanis Contact: turkanis at coderage dot com
Copyright 2008 CodeRage, LLC
Copyright 2008 Bruno Lalande.
Copyright 2008 Author: Matyas W Egyhazy
Copyright 2005-2008 Aaron Windsor
Copyright 2008 Matyas Egyhazy
Copyright 2007-2012 Christian Henning, Lubomir Bourdev
Copyright 2007-2012 Christian Henning, Andreas Pokorny, Lubomir Bourdev
Copyright 2007-2012 Christian Henning, Andreas Pokorny
Copyright 2007-2011 Barend Gehrels, Amsterdam, the Netherlands
Copyright 2007-2010 Joachim
Copyright 2002-2009 , 2017 Peter Dimov
Copyright 2007-2009, 2014 Peter Dimov

Copyright 2007-2008 CodeRage, LLC Author: Jonathan Turkanis Contact: turkanis at coderage dot com
Copyright 2007-2013 Christian Henning
Copyright 2007-2008 Andreas Pokorny, Christian Henning
Copyright 2007, 2012, 2014 John Maddock and Paul A. Bristow.
Copyright 2007, 2010, 2012, 2014 Paul A. Bristow.
Copyright 2007, 2010, 2012 Paul A. Bristow.
Copyright 2007 University of Karlsruhe Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Douglas Gregor, Jens Mueller
Copyright 2007 Technical University of Catalonia
Copyright 2007 Stanford University Authors: David Gleich
Copyright 2006-2007 Noel Belcourt.
Copyright 2007 John Maddock, Joel de Guzman, Eric Niebler and Matias Capeletto
Copyright 2007 CodeRage Author: Jonathan Turkanis
Copyright 2007 Baruch Zilber
Copyright 2007 Anthony Williams
Copyright 2007 Alexandre Courpron
Copyright 2007 Aaron Windsor aaron.windsor@gmail.com
Copyright 2007 -2010 Joachim Faulhaber Copyright 1999 -2006 Cortex Software GmbH
Copyright 2007 -11 Anthony Williams Copyright 2011 -17 Vicente J. Botet Escriba
Copyright 2003-2018 Joaquín M López Muñoz
Copyright 2006-2012 Matias Capeletto
Copyright 2006-2012 Julio M. Merino Vidal, Ilya Sokolov
Copyright 2006-2012 Alexander Nasonov, Lorenzo Caminiti
Copyright 2006-2010, 2012-2014, 2017 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Christopher Kormanyos, Hubert Holin, Bruno Lalande, John Maddock, Jeremy Murphy, Johan Råde, Gautam Sewani, Benjamin Sobotta, Nicholas Thompson
Copyright 2006-2009 Andrey Parfenov
Copyright 2004-2007 Tobias Schwinger
Copyright 2006-2007 Boris Gubenko
Copyright 2006, Eric Niebler, Olivier Gygi.
Copyright 2006, 2007-2018 John Maddock and Paul A. Bristow.
Copyright 2006, 2014 http://vladimirprus.com[Vladimir Prus].
Copyright 2006, 2013 John Maddock, Paul A. Bristow, Xiaogang Zhang and Christopher Kormanyos.
Copyright 2006, 2010, 2013, 2014 John Maddock and Paul A. Bristow.
Copyright 2006, 2008, 2011 John Maddock, Johan Rade and Paul A. Bristow.
Copyright 2006, 2007, 2008, 2010 John Maddock and Paul A. Bristow.
Copyright 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2015, 2016 John Maddock and Paul A. Bristow.
Copyright 2006 Trustees of Indiana University Authors: Jeremy G. Siek and Douglas Gregor <dgregor@cs.indiana.edu>
Copyright 2006 Stephan Diederich, University Mannheim diederich@ti.uni-manheim.de
Copyright 2006 Olivier Gygi, Daniel Egloff.
Copyright 2006 Michael van der Westhuizen
Copyright 2006 Michael Drexl (michaeldrexl at web dot de)
Copyright 2006 John Maddock, Paul A. Bristow and Xiaogang Zhang.
Copyright 2006 John Maddock and Paul A. Bristow 2011.
Copyright 2006 Johan Rade
Copyright 2006-2006 Ilya Sokolov.
Copyright 2006 Hubert Holin and John Maddock.
Copyright 2006 Eric Niebler, Olivier Gygi.
Copyright 2006 Douglas Gregor <doug.gregor -at- gmail.com>.
Copyright 1999-2006 Dave Abrahams
Copyright 2005-2006 Daniel Egloff, Olivier Gygi

Copyright 2003-2010 Andreas Huber Dönni
Copyright 2006 -2007 Matias Capeletto, matias.capeletto@gmail.com
Copyright 2005-2018 Rene
Copyright 2005-2012 Juergen Hunold
Copyright 2005-2008 Redshift Software, Inc.
Copyright 2005-2007 Mat Marcus
Copyright 2005-2007 Douglas Gregor, Matthias Troyer, Trustees of Indiana University
Copyright 1999-2008 Adobe Systems Incorporated
Copyright 2005-2009 Alexander Nasonov.
Copyright 2005, 2006, 2017 Peter Dimov
Copyright 2005, 2006, 2007 Rene Rivera
Copyright 2005-2015 Ion Gaztañaga
Copyright 2004-2012 Eric Niebler
Copyright 2005 Trustees of Indiana University Authors: Andrew Lumsdaine, Douglas Gregor
Copyright 2005 Toon Knapen
Copyright 2005-2005 Reece H. Dunn.
Copyright 2005 Olaf Krzikalla Copyright 2006-2015 Ion Gaztanaga
Copyright 2005 Matthias Troyer.
Copyright 2005 JongSoo Park, Stanford University
Copyright 2005 Jonathan Turkanis
Copyright 1998-2005 Joel de Guzman.
Copyright 2005 Jeremy G. Siek Authors: Jeremy G. Siek
Copyright 2005 Jeremiah Willcock, Indiana University
Copyright 2005 Hartmut Kaiser -->
Copyright 2002-2005 Guillaume Melquiond
Copyright 2005 Felix Höfling, Guillaume Melquiond
Copyright 2005 Eric Niebler, Michael Gauckler.
Copyright 2005 Eric Niebler, Daniel Egloff.
Copyright 2001-2005 Douglas Gregor.
Copyright 2005 Doug Gregor, Indiana University Andrew Lumsdaine
Copyright 2005 David Abrahams and Aleksey Gurtovoy
Copyright 2001-2006 David Abrahams
Copyright 2005 Daniel Wallin.
Copyright 2005 Daniel Egloff.
Copyright 2005 Daniel Egloff, Eric Niebler.
Copyright 2005 Dan Marsden.
Copyright 2005 Ben Hutchings
Copyright 2005 Alo Sarv
Copyright 2005 Alexey Pakhunov.
Copyright 2003-2004 . David Abrahams
Copyright 2004-9 Trustees of Indiana University
Copyright 2004-5 Trustees of Indiana University
Copyright 2004-5 The Trustees of Indiana University.
Copyright 2004-2007 Fernando Luis Cacciola Carballal
Copyright 2001-2005 : CrystalClear Software, Inc http://www.crystalclearsoftware.com
Copyright 2003-2006 Guillaume Melquiond, ENS Lyon
Copyright 2004-2012 Trustees of Indiana University
Copyright 2004, 2010 Doug Gregor, Indiana University
Copyright 2004, 2005, 2006 Vladimir Prus
Copyright 2004, 2005 Trustees of Indiana University Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Doug Gregor, D. Kevin McGrath
Copyright 2004-2005 Markus Schoepflin.
Copyright 2004, 2005 Arkadiy Vertleyb, Peder Holt
Copyright 2004 Trustees of Indiana University Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Douglas Gregor

Copyright 2004 The Trustees of Indiana University Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 2004 Pavel Vozenilek
Copyright 2004 Kristopher Beevers, Rensselaer Polytechnic Institute
Copyright 2004 Jonathan Brandmeyer
Copyright 2004 Joe Coder.
Copyright 2004 Douglas Gregor, Indiana University Andrew Lumsdaine
Copyright 2004 Douglas Gregor, Indiana University (dgregor -at- cs.indiana.edu Andrew Lumsdaine
Copyright 2004 Douglas Grego, Indiana University (dgregor@cs.indiana.edu)
Copyright 2004 Doug Gregor
Copyright 2003-2018 Christopher M. Kohlhoff
Copyright 2003-2013 Jan Gaspar
Copyright 2003-2010 Thorsten Ottosen, Neil Groves
Copyright 2003-2008 Matthias Christian Schabel Copyright 2007-2010 Steven Watanabe
Copyright 2003-2007 Fernando Luis Cacciola Carballal Copyright 2014-2018 Andrzej Krzemie
Copyright 2003-2007 Fernando Luis Cacciola Carballal Copyright 2014-2016 Andrzej Krzemie
Copyright 2003-2007 Fernando Luis Cacciola Carballal Copyright 2014 Andrzej Krzemie
Copyright 2003-2005, 2013, 2017 Peter Dimov
Copyright 2002-2004 . Dave Abrahams
Copyright 2003-2004, 2008 Gennaro Prota
Copyright 2003-2004
Copyright 2003-20015 Joaquin M Lopez Munoz.
Copyright 2003, Eric Friedman, Itay Maman.
Copyright 2003, 2006 Vladimir Prus License:
Copyright 2003, 2004-2007 Dave Abrahams
, 2003-2010 Vladimir Prus
Copyright 2003, 2005, 2006 Rene Rivera
Copyright 2003, 2005 David Abrahams Jeremy Siek Thomas Witt
Copyright 2003, 2004, 2005, 2006, 2007
Copyright 2003, 2004, 2005 Douglas Gregor
Copyright 2003, 2004 Jeremy B. Maitin-Shepard Copyright 2005-2008 Daniel James
Copyright 2003 Vaclav Vesely
Copyright 2003-2003 Ross Smith
Copyright 2003-2003 Martin Wille
Copyright 2003 Jonathan de Halleux
Copyright 2003 Jeremy Siek Authors: Lie-Quan Lee, Jeremy Siek, and Douglas Gregor
Copyright 2000-2003 Jens Maurer
Copyright 2003 Fernando Cacciola
Copyright 2003 Daniel Walker.
Copyright 2003 Christopher Currie
Copyright 2003 Bruce Barr Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 2003-2014 LASMEA UMR 6602 CNRS/Univ. Clermont II
Copyright 2003 (c) The Trustees of Indiana University.
Copyright 2002-2015 David Abrahams, Stefan Seefeld
Copyright 2002-2013 John Maddock and Christopher Kormanyos
Copyright 2002-2009, 2014 Beman Dawes
Copyright 2002-2008 , Fernando Luis Cacciola Carballal.
Copyright 2002-2006 . Vladimir Prus
Copyright 2002-2005, 2015 David Abrahams, Stefan Seefeld
Copyright 2002-2005, 2010, 2014, 2015 Joel de Guzman, Dan Marsden, Thomas Heller, John Fletcher
Copyright 2002-2005 Joel de Guzman, David Abrahams
Copyright 2002-2004 Pavol Droba
Copyright 2002-2004 Lauren Foutz, Rensselaer Polytechnic Institute

Copyright 2002-2012 , Trustees of Indiana University.
Copyright 2002-2003 Rene Rivera, Johan Nilsson.
Copyright 2002-2003 Hervé Brönnimann, Guillaume Melquiond, Sylvain Pion
Copyright 2002-2003 Hervé Brönnimann
Copyright 2002-2003 Guillaume Melquiond, Sylvain Pion
Copyright 2002,2004,2006 Joel de Guzman, Eric Niebler
, 2002-2017 Peter Dimov
Copyright 2002, 2007, 2014, 2017 Peter Dimov
Copyright 2002, 2005, 2006, 2007, 2010 Rene Rivera
Copyright 2002, 2003-2006 Rene Rivera
Copyright 2002, 2004, 2006 Joel de Guzman,
Copyright 2002, 2003, 2015, 2017 Peter Dimov
Copyright 2002, 2003, 2004, 2005, 2006, 2010 Vladimir Prus
Copyright 2002, 2003, 2004, 2005 Dave Abrahams
Copyright 2002, 2003 Eric Friedman, Itay Maman
Copyright 2001-2002 William E. Kempf
Copyright 2001-2003 Samuel Krempp
Copyright 2002 Rensselaer Polytechnic Institute
Copyright 2002 Marc Wintermantel (wintermantel@imes.mavt.ethz.ch) ETH Zurich, Center of Structure Technologies (www.imes.ethz.ch/st)
Copyright 2002 Marc Wintermantel (wintermantel@even-ag.ch) ETH Zurich, Center of Structure Technologies (www.imes.ethz.ch/st)
Copyright 2002 Juan Carlos Arevalo-Baeza
Copyright 2001-2002 Jeremy Siek Indiana University
Copyright 2001-2002 Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 2002 Jeff Westfahl
Copyright 2002 Indiana University. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 2002 H Lohninger, TU Wein H.Lohninger
Copyright 2002 Guillaume Melquiond, Sylvain Pion, Hervé Brönnimann, Polytechnic University
Copyright 2002 Darin Adler
Copyright 2002 CrystalClear Software, Inc
Copyright 2002 Brad King and Douglas Gregor
Copyright 2002 Aleksey Gurtovoy (agurtovoy@meta-comm.com)
Copyright 2001Jeremy Siek, Indiana University (Jeremy Siek, Indiana Univ.(jsiek@cs.indiana.edu)
Copyright 1998-2018 Joel de Guzman, Hartmut Kaiser
Copyright 2001-2014, Gennadiy Rozental.
Copyright 2001-2009 Beman Dawes, Daryle Walker, Gennaro Prota, John Maddock
Copyright 2001-2007 Beman Dawes, Vesa Karvonen, John Maddock
Copyright 2001-2006, 2011, 2012 Joel de Guzman, Dan Marsden, Tobias Schwinger
Copyright 2001-2004 Nicolai M. Josuttis Copyright 2012 Marshall Clow
Copyright 2001-2004 Douglas Gregor Copyright 2007-2009 Frank Mori Hess
Copyright 2001-2002 Jeremy Siek and John R. Bandela
Copyright 2001-2005 Indiana University
Copyright 2001-2002 Daniel C. Nuffer
Copyright 2001-2002 Chris Uzdavinis
, 2003-2012 Daryle Walker.
Copyright 2001, 2002, 2003, 2005 Dave Abrahams
Copyright 2001, 2002, 2003 Dave Abrahams
Copyright 2001, 2002 Peter Dimov and Multi Media Ltd
Copyright 2001, 2002 Indiana University
Copyright 2001 University of Notre Dame. Authors: Jeremy G. Siek and Lie-Quan Lee
Copyright 2001 University of Notre Dame. Author: Jeremy G. Siek
Copyright 2001 University of Notre Dame. Author: Andrew Janiszewski, Jeremy G. Siek

Copyright 2001 Universite Joseph Fourier, Grenoble. Author: Francois Faure
Copyright 2001 Ronald Garcia, Indiana University garcia@cs.indiana.edu Jeremy Siek, Indiana University
Copyright 2001 Ronald Garcia, Indiana University garcia@cs.indiana.edu Andrew Lumsdaine, Indiana University lums@osl.iu.edu
Copyright 2001 Lie-Quan Lee, Indiana University (llee@cs.indiana.edu)
Copyright 2001 Kevlin Henney
Copyright 2001 John R. Bandela
Copyright 2001 Jaakko
Copyright 2001 Indiana University. Author: Jeremy G. Siek
Copyright 2001 Indiana University Author: Jeremy G. Siek
Copyright 2001 Dietmar Kuehl
Copyright 2001 David Turner.
Copyright 2001 Andreas Scherer, Aachen andreas_freenet@freenet.de Jeremy Siek, Indiana University
Copyright 2000-2012 Jeremy Siek, Univ.of Notre Dame jsiek@lsc.nd.edu
Copyright 2000-2011 Joerg Walter, Mathias Koch, Gunter Winkler, David Bellot
Copyright 2000-2009 Michael Stevens, Mathias Koch, Joerg Walter, Gunter Winkler.
Copyright 2000-2009 Joerg Walter, Mathias Koch, Gunter Winkler
Copyright 2000-2007 Joerg Walter, Mathias Koch, Gunter Winkler, Michael Stevens
Copyright 2000-2006 Stephen Cleary Copyright 2011 Paul A. Bristow
Copyright 2000-2005 Kevlin Henney Copyright 2006-2010 Alexander Nasonov Copyright 2011-2014 Antony Polukhin
Copyright 2000-2005 Jens Maurer Copyright 2009, 2010 Steven Watanabe
Copyright 2000-2004 Jeremy Siek, Indiana University jsiek@osl.iu.edu Doug Gregor, Indiana University
Copyright 2000-2002 Joerg Walter, Mathias Koch
Copyright 2000-2001, University of Notre Dame. All rights reserved.
Copyright 2000-2001 University of Notre Dame du Lac.
Copyright 2000-2001 Lie-Quan Lee, Indiana University llee@cs.indiana.edu Jeremy Siek, Indiana University
Copyright 2000-2001 Jeremy Siek, Indiana University jsiek@osl.iu.edu
Copyright 2000-2001 Jeremy Siek, Indiana University Lie-Quan Lee, Indiana University
Copyright 2000-2001 Jeremy Siek, Indiana University
Copyright 2000-2001 Dave Abrahams david.abrahams@rcn.com Jeremy Siek, Indiana University
Copyright 2000, 2011 Adobe Systems Inc, David Abrahams, Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant, Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten Ottosen, Roman Perepelitsa, Robert Ramey, Jere
Copyright 2000, 2005 Steve Cleary and John Maddock
Copyright 2000, 2001 University of Notre Dame du Lac
Copyright 2000 Steven Knight
Copyright 2000 Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock.
Copyright 2000 Maarten Keijzer
Copyright 2000 John Maddock (john@johnmaddock.co.uk)
Copyright 2000 Jeremy Siek, Lie-Quan Lee, Andrew Lumsdaine
Copyright 2000 Jeremy Siek (jsiek@lsc.nd.edu)
Copyright 2000 Jeremy Siek
Copyright 2000 Cadenza New Zealand Ltd
Copyright 2000 Beman Dawes & John Maddock.
Copyright 1999-2006 Cortex Software GmbH
Copyright 1999-2004 Jaakko Järvi, Gary Powell
Copyright 1999-2004 Aleksey Gurtovoy.
Copyright 1999, 2005, 2013 Hubert Holin.

Copyright 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright 1999, 2000 Free Software Foundation, Inc.
Copyright 1999 by Hewlett-Packard Company. All rights reserved.
Copyright 1999 Greg Colvin and Beman Dawes
Copyright 1999 Greg Colvin
Copyright 1998-2004 Gilles Vollant
Copyright 1998 Addison-Wesley Longman, Inc
Copyright 1997-2004 Andrew Lumsdaine, Indiana University Douglas Gregor, Indiana University
Copyright 1997-2001 University of Notre Dame. Authors: Lie-Quan Lee, Jeremy Siek
Copyright 1997-2001 University of Notre Dame. Authors: Lie-Quan Lee
Copyright 1997-2001 University of Notre Dame. Authors: Jeremy G. Siek, Lie-Quan Lee, Andrew Lumsdaine
Copyright 1997-2001 University of Notre Dame. Authors: Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 1997-2001 University of Notre Dame. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 1997-2001 University of Notre Dame.
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors: Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek,
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek Doug Gregor, D. Kevin McGrath
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Author: Jeremy G. Siek
Copyright 1997, 1998, 1999, 2000 University of Notre Dame.
Copyright 1996-1999 by Silicon Graphics. All rights reserved.
Copyright 1996-1999 Silicon Graphics Computer Systems, Inc
Copyright 1996, 1997, 1999, 2000 Free Software Foundation, Inc. Originally by Fran,cois Pinard <pinard@iro.umontreal.ca>, 1996.
Copyright 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005 Free Software Foundation, Inc. Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996
Copyright 1996 Silicon Graphics. All rights reserved.
Copyright 1995-2017 Mark Adler
Copyright 1995-2017 Jean-loup Gailly and Mark Adler
Copyright 1995-2012 Barend Gehrels, Geodan, Amsterdam, the Netherlands
Copyright 1994 Christopher Seiwald. All rights reserved.
Copyright 1993-2002 Christopher Seiwald and Perforce Software, Inc.
Copyright 1993-2000 Christopher Seiwald.
Copyright 1991 by the Massachusetts Institute of Technology
Copyright 1988,1989 Hans-J. Boehm and Alan J. Demers
Copyright 1988, 1989 Hans-J. Boehm, Alan J. Demers
Copyright 1986-91 Radical Eye Software
Copyright 1986-2016 Radical Eye Software
Copyright (w) 2016-2017 Vinnie Falco (vinnie dot falco at gmail dot com)
Copyright (c) Vladimir Batov 2009-2016
Copyright (c) Vladimir Batov 2009-2014
Copyright (c) Trustees of Indiana University 2009
Copyright (c) Tobias Schwinger http://spirit.sourceforge.net/
Copyright (c) Thomas Witt 2002.
Copyright (c) The Trustees of Indiana University
Copyright (c) T. Zachary Laine 2018.
Copyright (c) Steven Watanabe 2018.
Copyright (c) Piotr Wygocki 2013

Copyright (c) Microsoft Corporation 2014
Copyright (c) Microsoft Corporation
Copyright (c) Michael Hansen 2009
Copyright (c) Matyas Egyhazy 2008
Copyright (c) Marshall Clow 2008-2017 .
Copyright (c) Marshall Clow 2011-2012, Alexander Zaitsev <zamazan4ik@gmail.com>, 2017.
Copyright (c) Maciej Piechotka 2013
Copyright (c) Lie-Quan Lee and Jeremy Siek, 2001
Copyright (c) Lie-Quan Lee and Jeremy Siek 2000, 2001
Copyright (c) Kevlin Henney 2001
Copyright (c) JongSoo Park 2005
Copyright (c) Joel de Guzman
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2002
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2001
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2000, Alex Hagen-Zanker (2012)
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2000
Copyright (c) Jeremy Siek and Andrew Lumsdaine 2000, David Abrahams 2007
Copyright (c) Jeremy Siek and Andrew Lumsdaine 2000
Copyright (c) Jeremy Siek 2002
Copyright (c) Jeremy Siek 2001-2003.
Copyright (c) Jeremy Siek 2001, Marc Wintermantel 2002
Copyright (c) Jeremy Siek 2001
Copyright (c) Jeremy Siek 2000-2001
Copyright (c) Jeremy Siek 2000, 2001
Copyright (c) Jeremy Siek 2000
Copyright (c) Intel Corporation 2008.
Copyright (c) Henrik Ravn 2004
Copyright (c) Fernando Vilas 2013
Copyright (c) Douglas Gregor 2004
Copyright (c) David Doria 2012
Copyright (c) David Abrahams 2001.
Copyright (c) Daniel Trebbien 2010
Copyright (c) Dan Marsden
Copyright (c) Christopher Diggins 2005
Copyright (c) Chris Glover, 2016.
Copyright (c) Charles Karney (2008-2017) <charles@karney.com>
Copyright (c) Beman Dawes 2015
Copyright (c) Beman Dawes 2011
Copyright (c) Antony Polukhin, 2012-2018 .
Copyright (c) Andrey Semashev 2017.
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.com>, 2017
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.com>, 2016
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.by>, 2017.
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.by>, 2016
Copyright (c) Aleksey Gurtovoy 2001-2008 -2009
Copyright (c) Aaron Windsor 2007
Copyright (c) 2015-2106 Klemens D. Morgenstern
Copyright (c) 2018, Oracle and/or its affiliates Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
Copyright (c) 2018-2018 Yaghyavardhan Singh Khangarot, Hyderabad, India.
Copyright (c) 2013-2018 Vinnie Falco (vinnie dot falco at gmail dot com)
Copyright (c) 2018 T. Zachary Laine
Copyright (c) 2016-2018 Stefan Seefeld All rights reserved.
Copyright (c) 2015-2018 Stefan Seefeld

Copyright (c) 2012-2018 Robert Ramey
Copyright (c) 2018 Oxford Nanopore Technologies
Copyright (c) 2014-2018 Oracle and/or its affiliates.
Copyright (c) 2017-2018 Nikita Kniazev
Copyright (c) 2017-2018 Nick Thompson
Copyright (c) 2018 Kohei Takahshi
Copyright (c) 2018 Kohei Takahsahi
Copyright (c) 2012-2018 Kohei Takahashi
Copyright (c) 2018 Justinas V. Daugmaudis
Copyright (c) 2005-2018 Ion Gaztanaga
Copyright (c) 2018 Evgeny Shulgin
Copyright (c) 2018 Dmitry Arkhipov
Copyright (c) 2018 Christian Henning (chhenning at gmail dot com)
Copyright (c) 2012-2018 Christian Henning
Copyright (c) 2011-2018 Antony Polukhin
Copyright (c) 2007-2018 Andrey Semashev
Copyright (c) 2018 Adeel Ahmad, Islamabad, Pakistan.
Copyright (c) 2009-2018 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2017-2018 , Oracle and/or its affiliates. Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
Copyright (c) 2014-2018 , Oracle and/or its affiliates.
Copyright (c) 2017-2018 Mateusz Loskot <mateusz at loskot dot net>
Copyright (c) 2009-2018 Daniel James
Copyright (c) 2007-2018 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2017-2017 Albert Sverdlov
Copyright (c) 2008-2018 James E. King III
Copyright (c) 2017 think-cell GmbH
Copyright (c) 2007-2017 Steven Watanabe
Copyright (c) 2017 Steven Ross, Francisco Tapia, Orson Peters
Copyright (c) 2001-2018 Peter Dimov
Copyright (c) 2012-2017 Paul Fultz II
Copyright (c) 2017 Paul Fultz
Copyright (c) 2016-2017 Oracle and/or its affiliates. Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
Copyright (c) 2017 Nikita Kniazev http://spirit.sourceforge.net/
Copyright (c) 2016-2017 Mikhail Maximov
Copyright (c) 2017 Mateusz Loskot <mateusz at loskot dot net> All rights reserved.
Copyright (c) 2017 Levon Tarakchyan
Copyright (c) 2017 Kristian Popov <kristian.popov@outlook.com>
Copyright (c) 2017 James E. King, III
Copyright (c) 2015-2017 Jakub Szuppe <j.szuppe@gmail.com>
Copyright (c) 2017 Hans Dembinski
Copyright (c) 2015-2017 Francisco José Tapia (fjtapia@gmail.com)
Copyright (c) 2017 Francisco José Tapia (fjtapia@gmail.com
Copyright (c) 2016-2017 Francisco Jose Tapia (fjtapia@gmail.com)
Copyright (c) 2017 Dynatrace
Copyright (c) 2017 Denis Demidov <dennis.demidov@gmail.com>
Copyright (c) 2010-2017 Daniel James http://spirit.sourceforge.net/
Copyright (c) 2003-2018 Christopher M. Kohlhoff (chris at kohlhoff dot com)
Copyright (c) 2017 Bjorn Reese
Copyright (c) 2016-2017 Alexander Zaitsev
Copyright (c) 2017 Abel Sinkovics
Copyright (c) 2002-2018 Rene Rivera
Copyright (c) 2016-2017 Oracle and/or its affiliates. Contributed and/or modified by Vissarion Fisikopoulos, on behalf of Oracle

Copyright (c) 2016 arett Adair
Copyright (c) 2016 Norbert Wenzel
Copyright (c) 2016 Modified Work Barrett Adair
Copyright (c) 2016 Mikhail Maximov vigorous.activity at gmail dot com
Copyright (c) 2016 Mikhail Maximov <vigorous.activity -at- gmail.com>
Copyright (c) 2014-2016 Lee Clagett
Copyright (c) 2016 Klemens D. Morgenstern klemens.morgenstern at gmx dot net
Copyright (c) 2016 Karolin Varner
Copyright (c) 2016-2016 Jeffrey E. Trull
Copyright (c) 2016 Jason Rhinelander <jason@imaginary.ca>
Copyright (c) 2016 Frank Hein, maxence business consulting gmbh
Copyright (c) 2016 Chris Glover
Copyright (c) 2016 Barrett Adair
Copyright (c) 2015, Oracle and/or its affiliates. Contributed and/or modified by Menelaos Karavelas, on behalf of Oracle
Copyright (c) 2015 Seth Heeren
Copyright (c) 2015 Rene Rivera http://spirit.sourceforge.net/
Copyright (c) 2015 Raffi Enficiaud
Copyright (c) 2015 Orson Peters <orsonpeters@gmail.com>
Copyright (c) 2015 Orson Peters
Copyright (c) 2013-2015 Muhammad Junaid Muzammil <mjunaidmuzammil@gmail.com>
Copyright (c) 2015 Mario Lang
Copyright (c) 2013-2015 Kyle Lutz <kyle.r.lutz@gmail.com>
Copyright (c) 2015 Jakub Pola <jakub.pola@gmail.com>
Copyright (c) 2015 Boost.Test team
Copyright (c) 2015 Boost development team
Copyright (c) 2009-2015 Artyom Beilis (Tonkikh)
Copyright (c) 2015 Artur Shepilko
Copyright (c) 2014-2015 Ahmed Charles
Copyright (c) 2012-2015 Agustin K-ballo Berge
Copyright (c) 2014-2018 Andrzej Krzemienski
Copyright (c) 2014-2018 Antony Polukhin antoshkka at gmail dot com
Copyright (c) 2008-2018 Vicente J. Botet Escriba
Copyright (c) 2014-2015 Samuel Debionne, Grenoble, France.
Copyright (c) 2009-2018 Mateusz Loskot, London, UK.
Copyright (c) 2014-2024 John Fletcher
Copyright (c) 2008-2018 Bruno Lalande, Paris, France.
Copyright (c) 2014,2015,2018 Kohei Takahashi
Copyright (c) 2014, Athanasios Iliopoulos
Copyright (c) 2014, 2017, 2018 Andrey Semashev
Copyright (c) 2014 fqiang
Copyright (c) 2014 Tomoki Imai
Copyright (c) 2001-2014 Thomas Bernard
Copyright (c) 2014 Steven Ross
Copyright (c) 2014 Roshan <thisisroshansmail@gmail.com>
Copyright (c) 2014 Richard Thomson.
Copyright (c) 2014 Riccardo Marcangelo
Copyright (c) 2014 Renato Tegon Forti, Antony Polukhin.
Copyright (c) 2014 Paul Fultz II unwrap.h
Copyright (c) 2014 Paul Fultz II holder.h
Copyright (c) 2014 Paul Fultz II forward.h
Copyright (c) 2014 Oliver Kowalke (oliver dot kowalke at gmail dot com)
Copyright (c) 2014 Microsoft Corporation
Copyright (c) 2014 John Maddock http://spirit.sourceforge.net/
Copyright (c) 2011-2014 Jamboree

Copyright (c) 2014 Glen Joseph Fernandes glenjofe@gmail.com)
Copyright (c) 2014 Glen Joseph Fernandes
Copyright (c) 2014 Glen Fernandes
Copyright (c) 2014 Fabian Köhler <fabian2804@googlemail.com>
Copyright (c) 2014 Christoph Weiss
Copyright (c) 2014 Benoit Dequidt <benoit.dequidt@gmail.com>
Copyright (c) 2014 Benoit
Copyright (c) 2013-2014 Anton Bikineev
Copyright (c) 2012-2018 Louis Dionne
Copyright (c) 2013-2014 Rastko Anicic <anicic.rastko@gmail.com>
Copyright (c) 2013-2014 Mageswaran.D <mageswaran1989@gmail.com>
Copyright (c) 2013-2014 Denis Demidov
Copyright (c) 2013-2014 Damien Buhl
Copyright (c) 2013-2014 Agustin Berge
Copyright (c) 2013, Petr Machata, Red Hat Inc.
Copyright (c) 2013 Tim Blechmann Linux-specific code by Phil Endecott
Copyright (c) 2013 Tim Blechmann ARM Code by Phil Endecott, based on other architectures.
Copyright (c) 2010-2013 Tim Blechmann
Copyright (c) 2013 Steven Benner (http://stevenbenner.com/).
Copyright (c) 2009-2013 Sebastian Redl
Copyright (c) 2011-2013 Paul A. Bristow
Copyright (c) 2013 Mateusz Loskot
Copyright (c) 2010-2013 Marshall Clow
Copyright (c) 2013 John Maddock, Antony Polukhin
Copyright (c) 2013 Joaquim Duran
Copyright (c) 2013 Eurodecision Authors: Guillaume Pinot
Copyright (c) 2013 Christopher Kormanyos
Copyright (c) 2005-2013 Carl Barron
Copyright (c) 2013 Antony Polukhin // Move semantics implementation.
Copyright (c) 2013 Andreas Pokorny
Copyright (c) 2013 Alex Korobka
Copyright (c) 2013 Alberto Santini Author: Alberto Santini <alberto@santini.in>
Copyright (c) 2013 Agustín Bergé http://spirit.sourceforge.net/
Copyright (c) 2013 Agustin Berge http://spirit.sourceforge.net/
Copyright (c) 2012-2018 Mateusz Loskot <mateusz@loskot.net>
Copyright (c) 2011-2013 Andrew Hundt.
Copyright (c) 2012-2012 Andrii Sydorchuk.
Copyright (c) 2009-2012 , Marco Guazzone
Copyright (c) 2012 yyyy yyyy <typhoonking77@hotmail.com>
Copyright (c) 2002-2012 Trustees of Indiana University
Copyright (c) 2012 Steven Watanabe 2014 Oliver Kowalke
Copyright (c) 2012 Paul Fultz II seq.h
Copyright (c) 2012 Paul Fultz II join.h
Copyright (c) 2012 Paul Fultz II delgate.h
Copyright (c) 2012 Oswin Krause
Copyright (c) 2011-2012 Nathan Ridge
Copyright (c) 2012 Martin Raspaud
Copyright (c) 2012 Joel falcou
Copyright (c) 2001-2013 Hartmut Kaiser
Copyright (c) 2012 David Bailey
Copyright (c) 2009-2012 Boris Schaeling
Copyright (c) 2012 Benjamin Schindler
Copyright (c) 2012 Anthony Williams
Copyright (c) 2012 - 2014, 2017 Andrey Semashev
Copyright (c) 2011-2017 Adam Wulkiewicz.

Copyright (c) 2011-2015 Akira Takahashi
Copyright (c) 2011-2013, 2017 Daniel James
Copyright (c) 2011-2012 Brandon Kohn
Copyright (c) 2007-2012 : Joachim Faulhaber
Copyright (c) 2011, 2013 Jeremiah Willcock
Copyright (c) 2011, 2012 Martin Lambers <marlam@marlam.de>
Copyright (c) 2011-2012 Jeff Flinn, Boris Schaeling
Copyright (c) 2010-2013 Thomas Heller
Copyright (c) 2011 Thomas Bernard http://spirit.sourceforge.net/
Copyright (c) 2011 Ryan Molden
Copyright (c) 2011 Roji Philip
Copyright (c) 2011 Robert Nelson
Copyright (c) 2011 Paul Heil
Copyright (c) 2011 Paul A. Bristow incorporated Boost.Math
Copyright (c) 2011 Paul A. Bristow comments
Copyright (c) 2011 Paul A. Bristow To incorporate into Boost.Math
Copyright (c) 2010-2011 Michael Caisse
Copyright (c) 2011 Matthias Born
Copyright (c) 2011 Laurent Gomila
Copyright (c) 2011 Juraj Ivancic
Copyright (c) 2011 Joerg Becker
Copyright (c) 2010-2011 Jeroen Habraken
Copyright (c) 2011 Jan Frederick Eick
Copyright (c) 2011 Hannes Hofmann
Copyright (c) 2011 Francois Mauger
Copyright (c) 2011 Emil Dotchevski
Copyright (c) 2011 Dean Michael Berries
Copyright (c) 2011 Colin Rundel
Copyright (c) 2011 Christopher Jefferson
Copyright (c) 2010-2011 Bryce Lelbach http://spirit.sourceforge.net/
Copyright (c) 2011 Brian O'Kennedy
Copyright (c) 2011 Boris Schaeling (boris@highscore.de)
Copyright (c) 2011 Aaron Graham http://spirit.sourceforge.net/
Copyright (c) 2011 Aaron Graham
Copyright (c) 2010.2017 Daniel James
Copyright (c) 2010-2011 David Bellot
Copyright (c) 2009-2011 Christopher Schmidt
Copyright (c) 2010-2011 Bryce Lelbach (blelbach@cct.lsu.edu, maintainer)
Copyright (c) 2010-2011 Bryce Lelbach
Copyright (c) 2008-2010 Joachim Faulhaber
Copyright (c) 2010, Trustees of Indiana University
Copyright (c) 2010, 2012 Christopher Schmidt, nathan Ridge
Copyright (c) 2010, 2012 Christopher Schmidt, Nathan Ridge
Copyright (c) 2010 Sergey "GooRoo" Olendarenko
Copyright (c) 2010 Peter Schueller
Copyright (c) 2010 Olaf Peter
Copyright (c) 2010 Nuovation System Designs, LLC Grant Erickson
<gerickson@nuovations.com>
Copyright (c) 2010 Neil Groves
Copyright (c) 2010 Matthias Walter (xammy@xammy.homelinux.net)
Copyright (c) 2010 Mathias Gaunard
Copyright (c) 2010 Mateusz Loskot (mateusz at loskot dot net)
Copyright (c) 2010 Lars Kielhorn
Copyright (c) 2010 Larry Evans
Copyright (c) 2010 Josh Wilson

Copyright (c) 2010 Intel Corporation
Copyright (c) 2010 Ilya Murav'jov
Copyright (c) 2010 Head Geek
Copyright (c) 2010 Gordon Woodhull
Copyright (c) 2010 Gevorg Voskanyan
Copyright (c) 2010 Felipe Tanus, Boris Schaeling
Copyright (c) 2010 Eric Jourdanneau, Joel Falcou
Copyright (c) 2010 Christophe Henry
Copyright (c) 2004-2010 Chris Hoeppler
Copyright (c) 2010 Carl Philipp Reh
Copyright (c) 2010 Athanasios Iliopoulos
Copyright (c) 2010 Alfredo Correa
Copyright (c) 2010 2015 Francisco José Tapia (fjtapia@gmail.com)
Copyright (c) 2010 "Cowboy" Ben Alman
Copyright (c) 2009-2018 Ion Gazta\u00F1aga
Copyright (c) 2009-2017 Mateusz Loskot <mateusz@loskot.net>, London, UK.
Copyright (c) 2009-2017 Barend Gehrels, Geodan, Amsterdam, the Netherlands.
Copyright (c) 2009-2016 Vladimir Batov.
Copyright (c) 2009-2013 Mario Mulansky
Copyright (c) 2009-2013 Karsten Ahnert
Copyright (c) 2009-2012 Mateusz Loskot, London, UK., London, UK
Copyright (c) 2009-2012 Mateusz Loskot (mateusz@loskot.net), London, UK
Copyright (c) 2009-2011 Gunter Winkler, David Bellot
Copyright (c) 2009-2015 Artyom Beilis
Copyright (c) 2009-20012 Vicente J. Botet Escriba
Copyright (c) 2009, Spirent Communications, Inc.
Copyright (c) 2009, Gunter Winkler
Copyright (c) 2009-2013 Sebastian Redl (sebastian dot redl <at> getdesigned dot at)
Copyright (c) 2009-2011 Helge Bahmann
Copyright (c) 2009 Tor Brede Vekterli
Copyright (c) 2001-2009 Ronald Garcia
Copyright (c) 2009 Phil Endecott
Copyright (c) 2003-2009 Pavel Baranov
Copyright (c) 2009 Matthias Vallentin
Copyright (c) 2009 John Resig
Copyright (c) 2009 Jean-Francois Ostiguy
Copyright (c) 2009 Gunter Winkler
Copyright (c) 2009 Francois Barel http://spirit.sourceforge.net/
Copyright (c) 2008-2009 Francois Barel
Copyright (c) 2009 Erik Bryan
Copyright (c) 2009 Edward Grace
Copyright (c) 2009 ArtVPS Ltd.
Copyright (c) 2006-2017 Emil Dotchevski and Reverge Studios, Inc.
Copyright (c) 2008-2012 Simonson Lucanus.
Copyright (c) 2004-2014 Eric Niebler
Copyright (c) 2008-2009 Frank Mori Hess
Copyright (c) 2008-2009 Ben Hanson\n";
Copyright (c) 2007-2009 Ben Hanson (http://www.benhanson.net/)
Copyright (c) 2008-2009 Ben Hanson
Copyright (c) 2008,2012,2014 Vicente J. Botet Escriba
Copyright (c) 2008, 2009 Niels Dekker
Copyright (c) 2008 samaxes.com
Copyright (c) 2008 Roelof Naude (roelof.naude at gmail dot com)
Copyright (c) 2008 Rep Invariant Systems, Inc. (info@repinvariant.com)
Copyright (c) 2008 Michael Marcin

Copyright (c) 2008 Marcin Kalicinski (kalita <at> poczta dot onet dot pl)
Copyright (c) 2008 Lubomir Bourdev, Hailin Jin
Copyright (c) 2008 Jurko Gospodnetic
Copyright (c) 2008 Ilya Sokolov, Boris Schaeling
Copyright (c) 2003-2008 Howard Hinnant
Copyright (c) 2002-2008 Gennaro Prota
Copyright (c) 2008 Federico J. Fernandez.
Copyright (c) 2005-2008 Dan Marsden
Copyright (c) 2008 Christopher M. Kohlhoff
Copyright (c) 2008-2010 Joseph Gauterin, Niels Dekker
Copyright (c) 2006-2008 Tobias Schwinger
Copyright (c) 2007-2008 Joseph Gauterin
Copyright (c) 2007-2008 Dario Senic, Jurko Gospodnetic.
Copyright (c) 1998-2018 John Maddock
Copyright (c) 2007, 2008 Joseph Gauterin
Copyright (c) 2007 by Frank Mori Hess <fmhess@users.sourceforge.net>
Copyright (c) 2007 Joel de Guzman <djowel -at- gmail.com>
Copyright (c) 2001-2012 Hartmut Kaiser http://spirit.sourceforge.net/
Copyright (c) 2007 Frank Mori Hess <fmhess@users.sourceforge.net>
Copyright (c) 2007 David Jenkins
Copyright (c) 2007 Bjorn Roald
Copyright (c) 2003-2006 -7 John Maddock
Copyright (c) 2006-2009 by Emil Dotchevski and Reverge Studios, Inc.
Copyright (c) 2006-2008 Johan Rade
Copyright (c) 2006-2007 Matias Capeletto
Copyright (c) 2006, Stephan Diederich
Copyright (c) 2001-2009 Beman Dawes
Copyright (c) 2005-2007 Matthew Calabrese
Copyright (c) 2006, 2007 Marcin Kalicinski
Copyright (c) 2006, 2007 Julio M. Merino Vidal
Copyright (c) 2006-2006 Xiaogang Zhang, 2015 John Maddock.
Copyright (c) 2006 Xiaogang Zhang
Copyright (c) 2006 Tomas Puverle
Copyright (c) 2006 Tobias Schwinger http://spirit.sourceforge.net/
Copyright (c) 2006 Stephen Nutt
Copyright (c) 2006 Stephan Diederich
Copyright (c) 2006 Piotr Wyderski
Copyright (c) 2006 Michael van der Westhuizen
Copyright (c) 2003-2006 Michael Stevens
Copyright (c) 2006 Jürgen Hunold
Copyright (c) 2005-2006 João Abecasis
Copyright (c) 1998-2015 Joel de Guzman http://spirit.sourceforge.net/
Copyright (c) 2004-2006 Joao Abecasis http://spirit.sourceforge.net/
Copyright (c) 2006-2006 Ilya Sokolov.
Copyright (c) 2006 Douglas Gregor <doug.gregor@gmail.com>
Copyright (c) 2004-2006 Daniel Wallin
Copyright (c) 2006-2006 Bojan Resnik.
Copyright (c) 2006
Copyright (c) 1998-2018 Joel de Guzman
Copyright (c) 2002-2010 Vladimir Prus.
Copyright (c) 2005-2007 Hartmut Kaiser 2007, 2009 Tim Blechmann
Copyright (c) 2004-2006 Joao Abecasis
Copyright (c) 2005-2006 Danny Havenith
Copyright (c) 2005, 2014 Eric Niebler
Copyright (c) 2005-2005 by Pearson Education, Inc.

Copyright (c) 2005 Voipster / Indrek dot Juhani at voipster dot com
Copyright (c) 2005 Thomas Guest http://spirit.sourceforge.net/
Copyright (c) 2005 Thomas Guest
Copyright (c) 2005 Stefan Arentz (stefan at soze dot com)
Copyright (c) 2005 Reece H. Dunn.
Copyright (c) 2005 Markus Schoepflin
Copyright (c) 2005 Jordan DeLong http://spirit.sourceforge.net/
Copyright (c) 2005-2005 Alexey Pakhunov.
Copyright (c) 2005 Aaron Windsor
Copyright (c) 2005 2006 Joel de Guzman http://spirit.sourceforge.net/
Copyright (c) 2004-2011 Michael Stevens, David Bellot
Copyright (c) 2003-2007 Fernando Luis Cacciola Carballal
Copyright (c) 2004-2005 Andrei Polushin
Copyright (c) 2004, 2005, 2009 Peter Dimov
Copyright (c) 2004, 2005 by Mark Adler
Copyright (c) 2004, 2005 The Trustees of Indiana University
Copyright (c) 2004, 2005 Mark Adler.
Copyright (c) 2004 Vyacheslav E. Andrejev
Copyright (c) 2004 Stefan Slapeta
Copyright (c) 2004 Robert Ramey, Indiana University (garcia@osl.iu.edu) Andrew Lumsdaine, Indiana University (lums@osl.iu.edu).
Copyright (c) 2004 Ralf Mattethat
Copyright (c) 2002-2004 Martin Wille
Copyright (c) 2004 Kristopher Beevers
Copyright (c) 2004 Kris Beevers
Copyright (c) 2004 Jonathan Brandmeyer
Copyright (c) 2004 Eric Niebler http://spirit.sourceforge.net/
Copyright (c) 2004-2004 Angus Leeming
Copyright (c) 2003-2018 Christopher M. Kohlhoff (chris at kohlhoff dot com) Oliver Kowalke (oliver dot kowalke at gmail dot com)
Copyright (c) 2001-2015 Boost.Test contributors
Copyright (c) 2003-2008 Matthias Christian Schabel
Copyright (c) 2003-2009 Jan Gaspar
Copyright (c) 2003-2006, 2017 Peter Dimov
Copyright (c) 2003-2006 , 2008 Gennaro Prota
Copyright (c) 2003-2004 by Douglas Gregor <doug.gregor -at- gmail.com>
Copyright (c) 2003-2008 Gerald I. Evenden
Copyright (c) 2003, 2004 Jaakko Jarvi
Copyright (c) 2003, 2004 Douglas Gregor
Copyright (c) 2003 Vaclav Vesely http://spirit.sourceforge.net/
Copyright (c) 2003 Vaclav Vesely
Copyright (c) 2003 Thomas Witt
Copyright (c) 2003 Samuel Krempp
Copyright (c) 2003 Sam Nabialek
Copyright (c) 2003 Paul Mensonides
Copyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com) http://spirit.sourceforge.net/
Copyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com)
Copyright (c) 2003 Jonathan de Halleux
Copyright (c) 2002-2003 Institute of Transport, Railway Construction and Operation, University of Hanover, Germany
Copyright (c) 2003 Gustavo Guerra
Copyright (c) 2003 Gunter Winkler, Joerg Walter
Copyright (c) 2003 Giovanni Bajo http://spirit.sourceforge.net/
Copyright (c) 2003 Giovanni Bajo
Copyright (c) 2003 Dave Abrahams

Copyright (c) 2003 Daniel Frey
Copyright (c) 2003 2003 Vaclav Vesely
Copyright (c) 2002-2006 Pavol Droba
Copyright (c) 2002-2003,2005 CrystalClear Software, Inc.
Copyright (c) 2002-2003 William E. Kempf.
Copyright (c) 2002-2003 Toon Knapen, Kresimir Fresl, Joerg Walter
Copyright (c) 2002-2003 The Trustees of Indiana University. All rights reserved.
Copyright (c) 2002-2003 Martin Wille http://spirit.sourceforge.net/
Copyright (c) 2002-2003 Juan Carlos Arevalo-Baeza
Copyright (c) 2002-2003 Eric Friedman, Itay Maman
Copyright (c) 2002-2003 Eric Friedman
Copyright (c) 2000-2003 David Abrahams
Copyright (c) 2002-2003 Beman Dawes, William E. Kempf.
Copyright (c) 2000-2003 -2007 CrystalClear Software, Inc.
Copyright (c) 2000-2002 , Frank Warmerdam
Copyright (c) 2001-2004 Peter Dimov and Multi Media Ltd.
Copyright (c) 2002 by Peter Simons <simons@cryp.to>
Copyright (c) 2001-2002 by Andrei Alexandrescu
Copyright (c) 2002 Rensselaer Polytechnic Institute
Copyright (c) 2002-2002 Raghavendra Satish
Copyright (c) 2002 Lars Gullik Bjønnes <larsbj@lyx.org>
Copyright (c) 2002 Juan Carlos Arevalo-Baeza http://spirit.sourceforge.net/
Copyright (c) 2002 Jens Maurer
Copyright (c) 2002 Jeff Westfahl http://spirit.sourceforge.net/
Copyright (c) 2002 Jeff Westfahl
Copyright (c) 1994-2002 Hewlett-Packard Company
Copyright (c) 2002 Douglas Gregor <doug.gregor -at- gmail.com>
Copyright (c) 2002 Bill Kempf
Copyright (c) 2002 Aleksey Gurtovoy
Copyright (c) 2002 2004 2006Joel de Guzman
Copyright (c) 2002 2004 2006 Joel de Guzman http://spirit.sourceforge.net/
Copyright (c) 2002 2004 2006 Joel de Guzman
Copyright (c) 2001-2010 Hartmut Kaiser,
Copyright (c) 2001-2009 , Hartmut Kaiser
Copyright (c) 2001-2009, 2012 Peter Dimov
Copyright (c) 2001-2009 Daniel Nuffer
Copyright (c) 2001-2003 Daniel Nuffer http://spirit.sourceforge.net/
Copyright (c) 2001-2003 Dan Nuffer
Copyright (c) 2001-2002 Chuck Allison and Jeremy Siek
Copyright (c) 2001, Thomas Flemming, tf@ttqv.com
Copyright (c) 2001-2001 , Daniel C. Nuffer.
Copyright (c) 2001, Daniel C. Nuffer http://spirit.sourceforge.net/
Copyright (c) 2001, 2002, 2003 Peter Dimov and Multi Media Ltd.
Copyright (c) 2001, 2002 Python Software Foundation; All Rights Reserved
Copyright (c) 2001, 2002 Python Software Foundation
Copyright (c) 2001 by Red Hat Inc. All rights reserved.
Copyright (c) 1999-2005 by Hewlett-Packard Company. All rights reserved.
Copyright (c) 2001 Vesa Karvonen
Copyright (c) 2001 Samuel Krempp krempp@crans.ens-cachan.fr
Copyright (c) 2001 Sam Tobin-Hochstadt. All rights reserved.
Copyright (c) 2001-2001 Ronald Garcia, Indiana University (garcia@osl.iu.edu) Andrew Lumsdaine, Indiana University (lums@osl.iu.edu).
Copyright (c) 2001 Ralf W. Grosse-Kunstleve.
Copyright (c) 2000-2001 Jeremy Siek
Copyright (c) 2001 Jaakko Jrvi

Copyright (c) 2001 Jaakko Järvi
Copyright (c) 2001 Doug Gregor
Copyright (c) 2001 Darin Adler
Copyright (c) 2001-2001 Daniel C. Nuffer.
Copyright (c) 2001 Bruce Florman http://spirit.sourceforge.net/
Copyright (c) 2001 Bruce Florman
Copyright (c) 2001 Alexander Peslyak
Copyright (c) 2000-2013 Joerg Walter, Mathias Koch. David Bellot
Copyright (c) 2000-2013 Joerg Walter, Mathias Koch, Athanasios Iliopoulos
Copyright (c) 2000-2011 Joerg Walter, Mathias Koch, David Bellot
Copyright (c) 2000-2010 Joerg Walter, Mathias Koch, Gunter Winkler, David Bellot
Copyright (c) 2000-2009 Joerg Walter, Mathias Koch, Gunter Winkler
Copyright (c) 2000-2006 Cortex Software GmbH
Copyright (c) 2000-2004 Joerg Walter, Mathias Koch
Copyright (c) 1999-2005 Hewlett-Packard Development Company, L.P.
Copyright (c) 2000-2003 Brian McNamara and Yannis Smaragdakis
Copyright (c) 2000-2001 University of Notre Dame. All rights reserved.
Copyright (c) 2000 Jeremy Siek and Andrew Lumsdaine, 2007 David Abrahams
Copyright (c) 2000 Cadenza New Zealand Ltd
Copyright (c) 2000 - 2006 Stephen Cleary
Copyright (c) 1999-2006: Cortex Software GmbH, Kantstrasse 57, Berlin
Copyright (c) 1999-2003 Jeremiah Willcock
Copyright (c) 1999-2003 Jaakko Jarvi
Copyright (c) 1999-2001 by Red Hat, Inc. All rights reserved.
Copyright (c) 1999-2001 by Hewlett-Packard. All rights reserved.
Copyright (c) 1999 Adobe Systems Incorporated. All Rights Reserved.
Copyright (c) 1998-2010 - by Gilles Vollant
Copyright (c) 1998-2009 Dr John Maddock
Copyright (c) 1996-1999 by Silicon Graphics. All rights reserved.
, 2002-2006 Kiyoshi Matsui <kmatsui@t3.rim.or.jp> All rights reserved.
Copyright (c) 1998 by Fergus Henderson. All rights reserved.
Copyright (c) 1996-1999 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1997,99 Borland Corporation
Copyright (c) 1997,99 Borland Corp
Copyright (c) 1997 Christian Michelsen Research AS Advanced Computing Fantoftvegen 38, 5036 BERGEN, Norway http://www.cmr.no
Copyright (c) 1996 L. Peter Deutsch and Jean-Loup Gailly
Copyright (c) 1996 L. Peter Deutsch
Copyright (c) 1995, Gerald Evenden
Copyright (c) 1995, 2007-2015 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 1995 Maarten Hilferink, Amsterdam, the Netherlands
Copyright (c) 1991-1996 by Xerox Corporation. All rights reserved.
Copyright (c) 1991-2009 Unicode, Inc.
Copyright (c) 1990-2000 Info-ZIP. All rights reserved.
Copyright (c) 1988, 1989 Hans-J. Boehm, Alan J. Demers
Copyright (c) 1986 by University of Toronto. Written by Henry Spencer.
Copyright (c) 1986 by University of Toronto Written by Henry Spencer.
Copyright (c) 12003 John Maddock
Copyright (arg) 2001-2014 Joel de Guzman
Copyright (C) Vladimir Prus 2006
Copyright (C) Vladimir Prus 2003 Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright (C) Vladimir Prus 2002-2010 .
Copyright (C) Vladimir Prus 2002
Copyright (C) Steven Watanabe 2018
Copyright (C) Reece H Dunn 2004

Copyright (C) Pieter Bastiaan Ober 2014
Copyright (C) Markus Schoepflin 2005.
Copyright (C) Joaquin M Lopez Munoz 2004.
Copyright (C) Flavio De Lorenzi 2012
Copyright (C) FILL SOMETHING HERE 2005-2006 .
Copyright (C) Eric Niebler 2005-2008 .
Copyright (C) Douglas Gregor 2008
Copyright (C) Douglas Gregor 2001-2006 .
Copyright (C) Daniel Frey, 2002-2009
Copyright (C) Dan Watkins 2003
Copyright (C) Craig Rodrigues 2005.
Copyright (C) Christopher Currie 2003
Copyright (C) Christof Meerwald 2003
Copyright (C) Benjamin Sobotta 2012
Copyright (C) Ben Pope 2014.
Copyright (C) Andre Hentz 2003.
Copyright (C) 2014-2018 , Andrzej Krzemienski.
Copyright (C) 2017-2018 Tom Hughes
Copyright (C) 2018 Tobias Loew
Copyright (C) 2018 Kohei Takahashi
Copyright (C) 2017-2018 James E. King III
Copyright (C) 2018 Artifex Software, Inc. All rights reserved.
Copyright (C) 2009-2018 Andrey Semashev
Copyright (C) 2008-2017 Vicente J. Botet Escriba
Copyright (C) 2017 Minmin Gong
Copyright (C) 2017-2017 Michel Morin.
Copyright (C) 2017 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright (C) 2017 Dynatrace
Copyright (C) 2017 Daniela Engert
Copyright (C) 2017 Austin J. Beer
Copyright (C) 2017 Alain Miniussi & Steffen Hirschmann
Copyright (C) 2013-2018 , Antony Polukhin.
Copyright (C) 2016-2018 T. Zachary Laine
Copyright (C) 2016 Lee Clagett
Copyright (C) 2016 K. Noel Belcourt <kbelco -at- sandia.gov>.
Copyright (C) 2016 Frank Hein, maxence business consulting gmbh
Copyright (C) 2010-2016 Edward Diener
Copyright (C) 2014-2018 Andrzej Krzemienski.
Copyright (C) 2015 Michael Caisse, ciere.com
Copyright (C) 2015 Kohei Takahshi
Copyright (C) 2014-2015 John Fletcher
Copyright (C) 2014, andrzej Krzemienski.
Copyright (C) 2014, 2016 andrzej Krzemienski.
Copyright (C) 2012-2014 Pieter Bastiaan Ober (Integricom).
Copyright (C) 2014 Ian Forbed
Copyright (C) 2014 Glen Joseph Fernandes glenjofe@gmail.com)
Copyright (C) 2014 Erik Erlandson
Copyright (C) 2014 Christoph Weiss
Copyright (C) 2014 Agustin Berge
Copyright (C) 2013-2015 Kyle Lutz
Copyright (C) 2008-2016 Tim Blechmann
Copyright (C) 2007-2013 Steven Watanabe
Copyright (C) 2013 Mateusz Loskot <mateusz@loskot.net>
Copyright (C) 2013 Jakob Lykke Andersen, University of Southern Denmark (jlandersen@imada.sdu.dk)

Copyright (C) 2013 Eurodecision Authors: Guillaume Pinot
Copyright (C) 2013 Cromwell D. Enage
Copyright (C) 2013 Christian Henning
Copyright (C) 2013 Bjorn Roald
Copyright (C) 2013 Andreas Hehn <hehn@phys.ethz.ch>, ETH Zurich based on
Copyright (C) 2013 Andreas Hehn <hehn@phys.ethz.ch>, ETH Zurich
Copyright (C) 2013 Alain Miniussi <alain.miniussi@oca.eu>
Copyright (C) 2008-2012 . Jurko Gospodnetic
Copyright (C) 2011-2017 Antony Polukhin
Copyright (C) 2010-2018 Vicente Botet
Copyright (C) 2012, Michele Caini.
Copyright (C) 2012 Flavio De Lorenzi (fdlorenzi@gmail.com)
Copyright (C) 2012 David Stone
Copyright (C) 2007-2012 Anthony Williams
Copyright (C) 2011-2013, 2016 Tim Blechmann
Copyright (C) 2011-2012 Thomas Bernard
Copyright (C) 1995-2017 Mark Adler
Copyright (C) 2011 Takaya Saito
Copyright (C) 2011 Kwan Ting Chan Based from bug report submitted by Xiaohan Wang
Copyright (C) 2011 Kwan Ting Chan
Copyright (C) 2011 Júlio Hoffimann.
Copyright (C) 2011-2011 John Maddock
Copyright (C) 2011 Jamboree
Copyright (C) 2010-2011 Bryce Lelbach
Copyright (C) 2011 Aaron Graham
Copyright (C) 2010 Paul A. Bristow added Doxygen comments.
Copyright (C) 2010 Intel Corporation
Copyright (C) 2010 Daniel Trebbien.
Copyright (C) 2010 Christopher Schmidt
Copyright (C) 2009-2016 Vladimir Batov
Copyright (C) 2009-2012 Lorenzo Caminiti]
Copyright (C) 2008-2018 Lorenzo Caminiti
Copyright (C) 2009-2015 Sebastian Redl
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)
Copyright (C) 2009 Trustees of Indiana University Authors: Jeremiah Willcock, Andrew Lumsdaine
Copyright (C) 2004-2010 The Trustees of Indiana University.
Copyright (C) 2009 The Trustees of Indiana University Authors: Nick Edmonds and Andrew Lumsdaine
Copyright (C) 2009 Francois Barel
Copyright (C) 2009 Chris Hoeppler
Copyright (C) 2009 Andreas Haberstroh?
Copyright (C) 2008-2018 Lorenzo Caminiti]
Copyright (C) 2005-2016 Daniel James.
Copyright (C) 2008-2012 Bruno Lalande
Copyright (C) 2008, 2009, 2016 Tim Blechmann, based on code by Cory Nelson
Copyright (C) 2008 N. Musatti
Copyright (C) 2008 Jurko Gospodnetic
Copyright (C) 2008 Ion Gaztanaga
Copyright (C) 2005-2008 Eric Niebler.
Copyright (C) 2007-9 Anthony Williams
Copyright (C) 2007-8 Anthony Williams
Copyright (C) 2007-2009 Andrew Sutton
Copyright (C) 2007-2008 Even Rouault
Copyright (C) 2007, Tobias Schwinger.

Copyright (C) 2007, 2008, 2012 Mark Adler
Copyright (C) 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker
Copyright (C) 2002-2007 Trustees of Indiana University
Copyright (C) 2007 Matthias Troyer <troyer@boost-consulting.com>
Copyright (C) 2002-2009 Marcin Kalicinski
Copyright (C) 2003-2007 Free Software Foundation, Inc
Copyright (C) 2007 Douglas Gregor</p>
Copyright (C) 2007 Douglas Gregor and Matthias Troyer
Copyright (C) 2007 Douglas Gregor Authors: Douglas Gregor and Andrew Lumsdaine
Copyright (C) 2005-2007 Douglas Gregor <doug.gregor@gmail.com>
Copyright (C) 2007 Alexey Baskakov
Copyright (C) 2003-2006 . Vladimir Prus
Copyright (C) 2006-2009 , 2012 Alexander Nasonov
Copyright (C) 2006-2009 Dmitry Bufistov and Andrey Parfenov
Copyright (C) 2006-2008
Copyright (C) 2006 Trustees of Indiana University Authors: Douglas Gregor and Jeremy Siek
Copyright (C) 2006 Tobias Schwinger http://spirit.sourceforge.net/
Copyright (C) 2006 Tobias Schwinger
Copyright (C) 2006 Tiago de Paula Peixoto <tiago@forked.de>
Copyright (C) 2006 Steven Watanabe (VC 8.0)
Copyright (C) 2002-2007 Douglas Gregor <doug.gregor -at- gmail.com>.
Copyright (C) 2004-2006 Arkadiy Vertleyb
Copyright (C) 2005-2009 Jongsoo Park <jongsoo.park -at- gmail.com>
Copyright (C) 2004-2010 Peder Holt
Copyright (C) 2005-2007 Matthias Troyer
Copyright (C) 2005-2018 Alain Miniussi <alain.miniussi -at- oca.eu>.
Copyright (C) 2003-2005 , Fernando Luis Cacciola Carballal.
Copyright (C) 2001-2007 Douglas Gregor.
Copyright (C) 2005 Jong Soo Park <jongsoo.park -at- gmail.com>
Copyright (C) 2005 Igor Chesnokov, mailto:ichesnokov@gmail.com
Copyright (C) 2005 Arkadiy Vertleyb, Peder Holt.
Copyright (C) 2004-2008 Rene Nyffenegger
Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
Copyright (C) 2004, 2005-2012 Mark Adler, all rights reserved
Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
Copyright (C) 2004, 2005, 2006, 2007-2008 The Trustees of Indiana University.
Copyright (C) 2004, 2005 The Trustees of Indiana University Authors: Nick Edmonds, Douglas Gregor, and Andrew Lumsdaine
Copyright (C) 2004-2005 The Trustees of Indiana University Authors: Douglas Gregor and Andrew Lumsdaine
Copyright (C) 2004 Toon Knapen
Copyright (C) 2001-2004 Jeremy Siek <jsiek@cs.indiana.edu>
Copyright (C) 2003. Pedro Ferreira
Copyright (C) 2003-2010 Thorsten Ottosen, Neil Groves
Copyright (C) 2003-2009 Matthias Christian Schabel
Copyright (C) 2003-2004 Jeremy B. Maitin-Shepard.
Copyright (C) 2003-2004 Doug Gregor and Dave Abrahams.
Copyright (C) 2003,2007 Rene Rivera.
Copyright (C) 2003, Eric Friedman, Itay Maman.
Copyright (C) 2003, 2012, 2013 Mark Adler
Copyright (C) 2003, 2012 Mark Adler, all rights reserved
Copyright (C) 2003, 2008 Fernando Luis Cacciola Carballal.
Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
Copyright (C) 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (C) 2003 by Cosmin Truta.

Copyright (C) 2003 Vesa Karvonen.
Copyright (C) 2003-2003 Rational Discovery LLC.
Copyright (C) 2003 Martin Wille
Copyright (C) 2003 Jonathan de Halleux
Copyright (C) 2003 Gennaro Prota.
Copyright (C) 2003 Doug Gregor.
Copyright (C) 2003 Cosmin Truta. Derived from original sources by Bob Dellaca.
Copyright (C) 2003-2003 Chris Anderson <christop@charm.net>
Copyright (C) 2002-2013 Mark Adler, all rights reserved
Copyright (C) 2002-2004 Dmitriy Anisimkov
Copyright (C) 2002-2009 Vladimir Prus.
Copyright (C) 2002-2003 David Moore, William E. Kempf
Copyright (C) 2002-2003 David Abrahams.
Copyright (C) 2002--2004, Herve Bronnimann
Copyright (C) 2002, 2008, 2013 Peter Dimov
Copyright (C) 2001-2002 , 2003, 2005 Free Software Foundation, Inc.
Copyright (C) 2001-2002 Housemarque Oy http://www.housemarque.com
Copyright (C) 2000-2002 Gary Powell (gwpowell@hotmail.com)
Copyright (C) 2002 Brad King and Douglas Gregor
Copyright (C) 2002 Brad King (brad.king@kitware.com) Douglas Gregor (gregod@cs.rpi.edu)
Copyright (C) 2002 Beman Dawes
Copyright (C) 2001-2018 Joel de Guzman
Copyright (C) 2001-2015 Hartmut Kaiser
Copyright (C) 2001-2010 Thomas Heller
Copyright (C) 2001-2007 Joel de Guzman, Dan Marsden, Tobias Schwinger
Copyright (C) 2001-2006 Dan Marsden
Copyright (C) 2001-20044 Douglas Gregor (dgregor at cs dot indiana dot edu)
Copyright (C) 2001-2003 William E. Kempf
Copyright (C) 2001-2003 Mac Murrett
Copyright (C) 2001-2003 Jaakko Järvi
Copyright (C) 2001-2003 Douglas Gregor (gregod@cs.rpi.edu)
Copyright (C) 2001-2002 Daniel C. Nuffer
Copyright (C) 2001, Andreas Scherer, Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine
Copyright (C) 2001, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (C) 2001, 2002, 2003, 2005 Free Software Foundation, Inc.
Copyright (C) 2001-2018 Peter Dimov
Copyright (C) 2001 Vladimir Prus <ghost@cs.msu.su> Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Douglas Gregor
Copyright (C) 2001 Vladimir Prus <ghost@cs.msu.su>
Copyright (C) 2001 Vladimir Prus <ghost@@cs.msu.su>
Copyright (C) 2001 Jeremy Siek, Douglas Gregor, Brian Osman
Copyright (C) 2001 Jeremy Siek, Doug Gregor, Brian Osman
Copyright (C) 2001 Jeremy Siek <jsiek@@cs.indiana.edu>
Copyright (C) 2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi) 2001 Gary Powell (gary.powell@sierra.com)
Copyright (C) 2000-2001 Gary Powell (gary.powell@sierra.com)
Copyright (C) 2001 Dietmar Kuehl
Copyright (C) 2001 Daryle Walker.
Copyright (C) 2000-2003 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright (C) 2000-2003 Gary Powell (powellg@amazon.com)
Copyright (C) 2000-2001 Jeremy Siek, Indiana University
Copyright (C) 2000-2001 Stephen Cleary
Copyright (C) 1999-2003 Jaakko Jarvi
Copyright (C) 1999-2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi) Gary Powell (gwpowell@hotmail.com)

Copyright (C) 1999, 2002 Aladdin Enterprises. All rights reserved.
Copyright (C) 1999, 2000, 2003, 2004 Free Software Foundation, Inc. Written by Tom Tromey <tromey@cygnus.com>.
Copyright (C) 1999, 2000, 2002 Aladdin Enterprises. All rights reserved.
Copyright (C) 1999, 2000, 2001, 2003, 2005 Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (C) 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)
Copyright (C) 1998-2005 Gilles Vollant
Copyright (C) 1998,1999,2000 by Jacques Nomssi Nzali.
Copyright (C) 1998-2007 Brian Raiter <breadbox@muppetlabs.com>
Copyright (C) 1998 by Jacques Nomssi Nzali.
Copyright (C) 1998 by Bob Dellaca.
Copyright (C) 1998 by Andreas R. Kleinert
Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson
Copyright (C) 1997, 2000, 2001, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (C) 1997, 1999, 2000, 2001, 2003, 2005 Free Software Foundation, Inc.
Copyright (C) 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 2000, 2001, 2003, 2005 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005 Free Software Foundation, Inc. Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996
, 2004-2006 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001 Free Software Foundation, Inc.
Copyright (C) 1995-2017 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly & Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly
Copyright (C) 1995-2017 Jean-Loup Gailly, Mark Adler.
Copyright (C) 1995- 2005-2016 Mark Adler
Copyright (C) 1995-2010 Jean-loup Gailly, Brian Raiter and Gilles Vollant.
Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly
Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler
Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2003 by Jean-loup Gailly.
Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.
Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.
Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002 Free Software Foundation, Inc
Copyright (C) 2008 Beman Dawes, Rene Rivera
Copyright (3) Ion Gaztanaga 2013
Copyright (2) Beman Dawes 2011
Copyright (2) Beman Dawes 2010, 2011, 2015
Copyright (2) Beman Dawes 2010, 2011
Copyright </copyright.html> 1998-2006 Liam Quinn
Copyright &copy 2000-2001 Ronald Garcia, Indiana University garcia@osl.iu.edu Jeremy Siek, Indiana University
Copyright &copy 2000 Jeremy Siek jsiek@osl.iu.edu Andrew Lumsdaine lums@osl.iu.edu
Copyright © 2018 T. Zachary Laine

Copyright © 2016-2018 Joaquín M López Muñoz
Copyright © 2016-2018 Barrett Adair
; 2011-2018 Antony Polukhin
; 2007-2018 Andrey Semashev
Copyright © 2016, 2017 Vinnie Falco
Copyright © 2016 Klemens D. Morgenstern
Copyright © 2016 Antony Polukhin, Klemens Morgenstern
Copyright © 2015 Joel Falcou
Copyright © 2015 Charly Chevalier
Copyright © 2015 Abel Sinkovics
Copyright © 2014-2018 Andrzej Krzemieński
Copyright © 2014-2017 Steven Ross, Francisco Tapia, Orson Peters
; 2003-2017 Peter Dimov
Copyright © 2014-2017 Glen Joseph Fernandes
Copyright © 2014 by Pearson Education, Inc
Copyright © 2014 Renato Tegon Forti, Antony Polukhin
; 2009-2014 Oliver Kowalke
Copyright © 2014 Glen Fernandes
Copyright © 2014 Andrey SemashevSoftware License, Version 1.0
Copyright © 2013, 2017, 2018 Andrey Semashev
Copyright © 2013, 2014 Kyle Lutz
Copyright © 2013 Christian Henning
Copyright © 2012-2018 Robert Ramey
; 2007-2013 Steven Watanabe
Copyright © 2011, 2012 Lorenzo Caminiti
Copyright © 2011 Paul A. Bristow
Copyright © 2011 Helge Bahmann
Copyright © 2010-2017 Tropic Software East Inc
; 2005-2017 Daniel James
; 2010-2010 -2017
Copyright © 2010-2013 Sebastian Redl
; 2010-2012 Marshall Clow
Copyright © 2010, 2011 Tim Blechmann
; 2005-2018 Ion Gaztanaga
Copyright © 2009-2018 Barend Gehrels, Bruno Lalande, Mateusz Loskot, Adam Wulkiewicz, Oracle and/or its affiliates
Copyright © 2009-2016 Vladimir Batov
Copyright © 2009-2015 Karsten Ahnert and Mario Mulansky
; 2009-2013 Vicente J. Botet Escriba
; 2008-2018 Lorenzo Caminiti
Copyright © 2009, 2010 Steven Watanabe
; 2008-2012 Tim Blechmann
Copyright © 2008-2010 Marcin Kalicinski
; 1998-2013 John Maddock
Copyright © 2008 Paul A. Bristow, John Maddock
; 2004-2008 Eric Niebler
Copyright © 2007-2010 Joachim Faulhaber
Copyright © 2007-2009 Frank Mori Hess
Copyright © 2007, 2008 Tobias Schwinger
Copyright © 2007 John Maddock, Joel de Guzman, Eric Niebler and Matias Capeletto
Copyright © 2007 -11 Anthony Williams
Copyright © 2006-2012 Matias Capeletto
Copyright © 2006-2012 Julio M. Merino Vidal, Ilya Sokolov, Felipe Tanus, Jeff Flinn, Boris Schaeling
Copyright © 2006-2012 Alexander Nasonov, Lorenzo Caminiti

Copyright © 2006-2010, 2012-2014, 2017 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Christopher Kormanyos, Hubert Holin, Bruno Lalande, John Maddock, Jeremy Murphy, Johan Råde, Gautam Sewani, Benjamin Sobotta, Nicholas Thompson
Copyright © 2006-2010 Alexander Nasonov
; 2005-2018 Rene Rivera
Copyright © 2005-2007 Douglas Gregor, Matthias Troyer, Trustees of Indiana University
Copyright © 2005, 2006 Eric Niebler
Copyright © 2004-2007 Tobias Schwinger
; 2003-2007 Fernando Luis Cacciola Carballal
Copyright © 2004, 2005 Arkadiy Vertleyb, Peder Holt
Copyright © 2003-2018 Christopher M. Kohlhoff
Copyright © 2003-2013 Jan Gaspar
Copyright © 2003-2010 Thorsten Ottosen, Neil Groves
Copyright © 2003-2008 Matthias Christian Schabel
; 2001-2005 Douglas Gregor
Copyright © 2003, 2005 David Abrahams Jeremy Siek Thomas Witt
Copyright © 2003, 2004 Jeremy B. Maitin-Shepard
Copyright © 2002-2015 David Abrahams, Stefan Seefeld
Copyright © 2002-2015 David
Copyright © 2002-2013 John Maddock and Christopher Kormanyos
Copyright © 2002-2005, 2015 David Abrahams, Stefan Seefeld
Copyright © 2002-2005, 2010, 2014, 2015 Joel de Guzman, Dan Marsden, Thomas Heller, John Fletcher
Copyright © 2002-2005 Joel de Guzman, David Abrahams
Copyright © 2002-2004 Vladimir Prus
Copyright © 2002-2004 Pavol Droba
Copyright © 2002, 2004, 2006 Joel de Guzman, Eric Niebler
Copyright © 2002, 2003 Eric Friedman, Itay Maman
Copyright © 2002 The Trustees of Indiana University
; 2001-2018 Joel de Guzman, Hartmut Kaiser
Copyright © 2001-2018 Boost.Test contributors
Copyright © 2001-2009 Beman Dawes, Daryle Walker, Gennaro Prota, John Maddock
Copyright © 2001-2007 Beman Dawes, Vesa Karvonen, John Maddock
Copyright © 2001-2006, 2011, 2012 Joel de Guzman, Dan Marsden, Tobias Schwinger
Copyright © 2001-2005 CrystalClear Software, Inc
Copyright © 2001-2004 Nicolai M. Josuttis
Copyright © 2001, 2003, 2004, 2012 Daryle Walker
Copyright © 2001, 2002 Indiana University Copyright © 2000, 2001 University of Notre Dame du Lac Copyright © 2000 Jeremy Siek, Lie-Quan Lee, Andrew Lumsdaine
Copyright © 1996-1999 Silicon Graphics Computer Systems, Inc.Copyright © 1994 Hewlett-
Copyright © 2001 Jaakko Järvi
Copyright © 2001 Beman Dawes
Copyright © 2000-2006 Stephen Cleary</p>
; 2000-2005 Kevlin Henney
Copyright © 2000-2005 Jens Maurer</p>
Copyright © 2000, 2011 Adobe Systems Inc, David Abrahams, Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant, Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek
Copyright © 2000, 2005 Steve Cleary and John Maddock
Copyright © 2000 Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock
Copyright © 1999-2006 Cortex Software GmbH
Copyright © 1999-2004 Jaakko Järvi, Gary Powell

Copyright © 1994 Hewlett-Packard Company
Copyright University of Notre Dame Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 2014 Ahmed Charles
Copyright 2013-2015 Louis Dionne
Copyright (C) Trustees of Indiana University.
Copyright (C) Matyas Egyhazy
Adobe Systems Inc, David Abrahams,Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant, Jesse Jones, Mat
(c) jQuery Foundation
(c) Peter Kankowski, 2008
(c) Copyright Robert Ramey 2004
(c) Copyright Raffi Enficiaud 2017
(c) Copyright Mark Rodgers 2000
(c) Copyright Juergen Hunold 2016
(c) Copyright Juergen Hunold 2015
(c) Copyright Juergen Hunold 2012
(c) Copyright Juergen Hunold 2011
(c) Copyright Juergen Hunold 2009
(c) Copyright Juergen Hunold 2008-2011
(c) Copyright Juergen Hunold 2008
(c) Copyright John R. Bandela 2001.
(c) Copyright John Maddock 2003
(c) Copyright Jeremy Siek and John R. Bandela 2001.
(c) Copyright Jeremy Siek 2002.
(c) Copyright Fernando Luis Cacciola Carballal 2000-2004
(c) Copyright Beman Dawes 2005
(c) Copyright Andrey Semashev 2018
(c) Copyright Andreas Huber Doenni 2002-2005, Eric Niebler 2006
(c) 2009-2014 Torstein Honsi
(c) 2009-2012 Jeremy Ashkenas, DocumentCloud Inc.
(c) 2008 Gordon Woodhull
(c) 2003 Martin Wille http://spirit.sourceforge.net/
(c) 1999-2000 by Hewlett-Packard Company. All rights reserved.
(C) David Abrahams 2002
(C) Copyright boost 2004-2014
(C) Copyright Yuriy Krasnoschek 2009.
(C) Copyright William E. Kempf 2001.
(C) Copyright Vladimir Prus, David Abrahams, Michael Stevens, Hartmut Kaiser, Ion Gaztanaga 2007-2008
(C) Copyright Vladimir Prus, 2003
(C) Copyright Vladimir Prus 2003
(C) Copyright Vicente J. Botet Escriba 2014-2015
(C) Copyright Vicente J. Botet Escriba 2014
(C) Copyright Vicente J. Botet Escriba 2010-2017 .
(C) Copyright Vicente J. Botet Escriba 2008-2009,2012
(C) Copyright Vicente J. Botet Escriba 20010.
(C) Copyright Toon Knapen 2001-2003 .
(C) Copyright Tony Lewis 2016
(C) Copyright Tobias Schwinger
(C) Copyright Thorsten Ottosen 2009
(C) Copyright Thorsten Ottosen 2005.
(C) Copyright Thorsten Ottosen 2003-2006
(C) Copyright Thorsten Ottosen 2002-2003
(C) Copyright Thomas Witt 2003

(C) Copyright Thomas Witt 2002.
(C) Copyright Thomas Claveirole 2010
(C) Copyright Terje Slettebo 2002
(C) Copyright Terje Slettebo 2001.
(C) Copyright Synge Todo 2003
(C) Copyright Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000.
(C) Copyright Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2005
(C) Copyright Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000
(C) Copyright Steve Cleary & John Maddock 2000
(C) Copyright Stephen Silver, 2001.
(C) Copyright Stephen Cleary 2000.
(C) Copyright Stefan Slapeta 2004
(C) Copyright Simon West 2011
(C) Copyright Samuli-Petrus Korhonen 2017
(C) Copyright Runar Undheim, Robert Ramey & John Maddock 2008
(C) Copyright Ronald Garcia, Jeremy Siek 2002
(C) Copyright Ronald Garcia 2002.
(C) Copyright Roland Richter 2003.
(C) Copyright Robert Ramey 2003. Jonathan Turkanis 2004
(C) Copyright Robert Ramey 2002-2004.
(C) Copyright Rene Rivera 2005.
(C) Copyright Reimar Döffinger 2018.
(C) Copyright Rani Sharoni,Robert Ramey, Pavel Vozenilek and Christoph Ludwig 2004
(C) Copyright Rani Sharoni 2003-2005
(C) Copyright Rani Sharoni 2003
(C) Copyright Raffi Enficiaud 2018
(C) Copyright Raffi Enficiaud 2017
(C) Copyright Raffi Enficiaud 2016
(C) Copyright Raffi Enficiaud 2015
(C) Copyright Raffi Enficiaud 2014.
(C) Copyright R.W. Grosse-Kunstleve 2002
(C) Copyright Pieter Bastiaan Ober 2014
(C) Copyright Peter Dimov and Multi Media Ltd. 2001, 2002, 2003
(C) Copyright Peter Dimov 2018
(C) Copyright Peter Dimov 2017
(C) Copyright Peter Dimov 2015
(C) Copyright Peter Dimov 2014
(C) Copyright Peter Dimov 2007
(C) Copyright Peter Dimov 2004-2005
(C) Copyright Peter Dimov 2001-2008 .
(C) Copyright Peter Dimov 2002-2005, 2007.
(C) Copyright Peter Dimov 2002
(C) Copyright Peter Dimov 2001, 2002, 2003
(C) Copyright Peter Dimov 2001, 2002
(C) Copyright Peter Dimov 2001
(C) Copyright Paul Moore 1999-1999 .
(C) Copyright Paul Mensonides 2012
(C) Copyright Paul Mensonides 2002-2011 .
(C) Copyright Paul Mensonides 2011
(C) Copyright Paul Mensonides 2005
(C) Copyright Paul Mensonides 2002-2011
(C) Copyright Paul A. Bristow 2011
(C) Copyright Paul A. Bristow 2006
(C) Copyright Pablo Halpern 2009.

(C) Copyright Orson Peters 2017.
(C) Copyright Oliver Kowalke 2016
(C) Copyright Olaf Krzikalla 2004-2006.
(C) Copyright Noel Belcourt 2007.
(C) Copyright Niels Dekker 2010
(C) Copyright Nicolai M. Josuttis 2001-2001 .
(C) Copyright Nicolai M. Josuttis 2001
(C) Copyright Nicolai M. Josuttis 1999
(C) Copyright Nick Thompson, 2018
(C) Copyright Nick Thompson 2018
(C) Copyright Nick Thompson 2017
(C) Copyright Milan Svoboda 2008.
(C) Copyright Microsoft Corporation 2014
(C) Copyright Michael Glassford 2004.
(C) Copyright MetaCommunications, Inc. 2004.
(C) Copyright Matthias Troyerk 2006
(C) Copyright Mathias Gaunard 2009
(C) Copyright Matei David 2014-2014.
(C) Copyright Matei David 2014
(C) Copyright Mat Marcus, Jesse Jones and Adobe Systems Inc 2001
(C) Copyright Martin Wille 2003.
(C) Copyright Marshall Clow 2018
(C) Copyright Marshall Clow 2012
(C) Copyright Markus Schoepflin 2007
(C) Copyright Markus Schoepflin 2005
(C) Copyright Markus Schoepflin 2002 - 2003.
(C) Copyright Marek Kurdej 2014
(C) Copyright Lie-Quan Lee 2001.
(C) Copyright Kohei Takahashi 2014,2016
(C) Copyright Kohei Takahashi 2014
(C) Copyright Kevlin Henney and Dave Abrahams 1999.
(C) Copyright Juergen Hunold 2006.
(C) Copyright Juergen Hunold 2006-2010
(C) Copyright Jorge Lodos 2008.
(C) Copyright Jonathan Turkanis 2003-2004 .
(C) Copyright Jonathan Turkanis 2004-2005
(C) Copyright Jonathan Turkanis 2004
(C) Copyright Jonathan Graehl 2004.
(C) Copyright John maddock 1999.
(C) Copyright John Maddock and Steve Cleary 2000.
(C) Copyright John Maddock and Dave Abrahams 2002
(C) Copyright John Maddock 2018
(C) Copyright John Maddock 2000-2017 .
(C) Copyright John Maddock 2017
(C) Copyright John Maddock 2016
(C) Copyright John Maddock 2015
(C) Copyright John Maddock 2014
(C) Copyright John Maddock 2013
(C) Copyright John Maddock 2012
(C) Copyright John Maddock 2011
(C) Copyright John Maddock 2010
(C) Copyright John Maddock 2009
(C) Copyright John Maddock 2008
(C) Copyright John Maddock 2007
(C) Copyright John Maddock 2001-2006 -8

(C) Copyright John Maddock 2006-7
(C) Copyright John Maddock 2006, 2015
(C) Copyright John Maddock 2006
(C) Copyright John Maddock 2005-2006
(C) Copyright John Maddock 2005
(C) Copyright John Maddock 2004
(C) Copyright John Maddock 2003
(C) Copyright John Maddock 2002
(C) Copyright John Maddock 2001 - 2003
(C) Copyright John Maddock 2001 - 2002
(C) Copyright John Maddock 2001
(C) Copyright John Maddock 2000
(C) Copyright John Maddock 1999-2005
(C) Copyright John Maddock & Thorsten Ottosen 2005
(C) Copyright Johan Rade 2006.
(C) Copyright Joel de Guzman 2003.
(C) Copyright Joaquin M Lopez Munoz 2006-2013
(C) Copyright Jim Douglas 2005
(C) Copyright Jessica Hamilton 2014
(C) Copyright Jesse Williamson 2009
(C) Copyright Jeremy William Murphy 2015-2016 .
(C) Copyright Jeremy Siek, David Abrahams 2000-2006.
(C) Copyright Jeremy Siek, 2001
(C) Copyright Jeremy Siek 2006
(C) Copyright Jeremy Siek 2004
(C) Copyright Jeremy Siek 1999-2004 .
(C) Copyright Jeremy Siek 2002
(C) Copyright Jeremy Siek 1999-2001 -2004
(C) Copyright Jeremy Siek 2001
(C) Copyright Jeremy Siek 2000-2002
(C) Copyright Jeremy Murphy 2015.
(C) Copyright Jeremiah Willcock 2004
(C) Copyright Jens Maurer 2003
(C) Copyright Jens Maurer 2001-2003 .
(C) Copyright Jens Maurer 2001 - 2003
(C) Copyright Jens Mauer 2001
(C) Copyright Ion Gaztanaga.
(C) Copyright Ion Gaztanaga 2017-2018 -2018
(C) Copyright Ion Gaztanaga 2004-2018 .
(C) Copyright Ion Gaztanaga 2007-2017 -2017
(C) Copyright Ion Gaztanaga 2010-2016 -2016
(C) Copyright Ion Gaztanaga 2004-2015 -2015
(C) Copyright Ion Gaztanaga 2005-2014 -2014
(C) Copyright Ion Gaztanaga 2014
(C) Copyright Ion Gaztanaga 2005-2013 -2013
(C) Copyright Ion Gaztanaga 2006-2012 -2012
(C) Copyright Ion Gaztanaga 2009
(C) Copyright Ion Gaztanaga 2008-2009
(C) Copyright Ion Gaztanaga 2008
(C) Copyright Ion Gaztanaga 2006
(C) Copyright Ion Gaztanaga 2005
(C) Copyright Ignacy Gawedzki 2010
(C) Copyright Hubert Holin and Daryle Walker 2001-2002
(C) Copyright Hubert Holin 2001-2005 .
(C) Copyright Hubert Holin 2003-2005

(C) Copyright Hubert Holin 2003
(C) Copyright Hubert Holin 2001
(C) Copyright Howard Hinnant 2014.
(C) Copyright Howard Hinnant 2009
(C) Copyright Howard Hinnant 2007-2010
(C) Copyright Howard Hinnant 2004
(C) Copyright Howard Hinnant
(C) Copyright Herve Bronnimann 2004.
(C) Copyright Guillaume Melquiond 2002-2003 .
(C) Copyright Greg Colvin and Beman Dawes 1998, 1999.
(C) Copyright Gennaro Prota 2003-2004 .
(C) Copyright Gennadiy Rozental 2015
(C) Copyright Gennadiy Rozental 2001-2015 .
(C) Copyright Gennadiy Rozental 2001-2007 -2015
(C) Copyright Gennadiy Rozental 2005-2014
(C) Copyright Gennadiy Rozental 2005
(C) Copyright Gennadiy Rozental 2001
(C) Copyright Gennadiy Rozental & Ullrich Koethe 2001.
(C) Copyright Gaetano Mendola 2010, Simon West 2011
(C) Copyright Frederic Bron 2009-2011
(C) Copyright Frank Birbacher 2007
(C) Copyright Francois Faure, iMAGIS-GRAVIR / UJF, 2001.
(C) Copyright Francois Faure 2001
(C) Copyright Eric Niebler, Olivier Gygi 2006
(C) Copyright Eric Niebler 2011
(C) Copyright Eric Niebler 2008
(C) Copyright Eric Niebler 2006
(C) Copyright Eric Niebler 2005
(C) Copyright Eric Niebler 2004-2005
(C) Copyright Eric Niebler 2004
(C) Copyright Eric Jourdanneau, Joel Falcou 2010
(C) Copyright Eric Friedman 2003
(C) Copyright Eric Friedman 2002-2003.
(C) Copyright Eric Friedman 2002
(C) Copyright Eric Ford 2001 & Hubert Holin.
(C) Copyright Eric Ford & Hubert Holin 2001.
(C) Copyright Edward Diener 2016
(C) Copyright Edward Diener 2015
(C) Copyright Edward Diener 2014
(C) Copyright Edward Diener 2013
(C) Copyright Edward Diener 2012
(C) Copyright Edward Diener 2011-2017
(C) Copyright Edward Diener 2010-2011 -2015
(C) Copyright Edward Diener 2011-2013
(C) Copyright Edward Diener 2011-2018 .
(C) Copyright Edward Diener 2011-2012 ,2014
(C) Copyright Edward Diener 2011-2012 ,2013
(C) Copyright Edward Diener 2011-2011 ,2012
(C) Copyright Edward Diener 2011
(C) Copyright Dynatrace 2017
(C) Copyright Dustin Spicuzza 2009.
(C) Copyright Douglas Gregor 2010
(C) Copyright Douglas Gregor 2001-2004 .
(C) Copyright Douglas Gregor 2002
(C) Copyright David Gleich 2007

(C) Copyright David Abrahams, Vicente Botet, Ion Gaztanaga 2009-2010 -2012
(C) Copyright David Abrahams, Vicente Botet, Ion Gaztanaga 2009-2009 .
(C) Copyright David Abrahams, Vicente Botet 2009.
(C) Copyright David Abrahams, Jeremy Siek, Daryle Walker 1999-1999 -2001.
(C) Copyright David Abrahams and Jeremy Siek 2000.
(C) Copyright David Abrahams Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2002
(C) Copyright David Abrahams 1999-2004 .
(C) Copyright David Abrahams 2001, Howard Hinnant 2001.
(C) Copyright David Abrahams 2000
(C) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock 2000-2010 .
(C) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2003.
(C) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000
(C) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000.
(C) Copyright Dave Abrahams and Thomas Becker 2003.
(C) Copyright Dave Abrahams and Daryle Walker 2001.
(C) Copyright Dave Abrahams and Daniel Walker 1999-2003.
(C) Copyright Dave Abrahams 2003
(C) Copyright Daryle Walker and Stephen Cleary 2001-2002
(C) Copyright Daryle Walker 2001.
(C) Copyright Daryle Walker 2001-2002
(C) Copyright Daryle Walker 2001, 2006
(C) Copyright Daryle Walker 2000-2001
(C) Copyright Darin Adler 2001-2002 .
(C) Copyright Darin Adler 2001
(C) Copyright Darin Adler 2000
(C) Copyright Daniel Wallin 2004
(C) Copyright Daniel K. O. 2005.
(C) Copyright Daniel James 2011.
(C) Copyright Daniel Frey and Robert Ramey 2009.
(C) Copyright Daniel Frey 2002-2017
(C) Copyright Craig Henderson 2002
(C) Copyright Christopher Jefferson 2011.
(C) Copyright Christof Meerwald 2003.
(C) Copyright Bryce Lelbach 2011
(C) Copyright Bryce Lelbach 2010.
(C) Copyright Bruno Lalande 2008
(C) Copyright Brian Kuhl 2016.
(C) Copyright Boris Rasin and Antony Polukhin 2014-2015.
(C) Copyright Boris Rasin 2014
(C) Copyright Boris Gubenko 2007
(C) Copyright Boris Gubenko 2006 - 2007
(C) Copyright Boost.org 2001
(C) Copyright Bill Kempf 2002
(C) Copyright Bill Kempf 2001.
(C) Copyright Beman Dawes, Dave Abrahams 1999
(C) Copyright Beman Dawes, 2001
(C) Copyright Beman Dawes and Ullrich Koethe 1995-2001.
(C) Copyright Beman Dawes 2010
(C) Copyright Beman Dawes 2009
(C) Copyright Beman Dawes 2008

(C) Copyright Beman Dawes 2006, 2009, 2014
(C) Copyright Beman Dawes 2006, 2009
(C) Copyright Beman Dawes 1999-2003 .
(C) Copyright Beman Dawes 2002-2006
(C) Copyright Beman Dawes 2002, 2006, 2011
(C) Copyright Beman Dawes 2002, 2006
(C) Copyright Beman Dawes 2002 - 2003
(C) Copyright Beman Dawes 2002
(C) Copyright Beman Dawes 1999
(C) Copyright Beman Dawes 1995-2001
(C) Copyright Balint Cserni 2017
(C) Copyright Artyom Beilis 2010
(C) Copyright Arjan Knepper 2006.
(C) Copyright Antony Polukhin 2013-2014 .
(C) Copyright Antony Polukhin 2013
(C) Copyright Antony Polukhin 2012-2014
(C) Copyright Antony Polukhin 2012
(C) Copyright Andy Tompkins 2008-2011 .
(C) Copyright Andy Tompkins 2007
(C) Copyright Andrzej Krzemienski 2018
(C) Copyright Andrzej Krzemienski 2015
(C) Copyright Andrzej Krzemienski 2014
(C) Copyright Andrey Semashev 2017.
(C) Copyright Andrey Semashev 2014
(C) Copyright Andrey Semashev 2013
(C) Copyright Andrew Sutton 2009
(C) Copyright Andrew Sutton 2007
(C) Copyright Alisdair Meredith 2006
(C) Copyright Aleksey Gurtovoy 2003
(C) Copyright Aleksey Gurtovoy 2002-2004 .
(C) Copyright Aleksey Gurtovoy 2002
(C) Copyright Agustin Berge 2014
(C) Copyright Aaron W. LaFramboise, Roland Schwarz, Michael Glassford 2004.
(C) Copyright 2002-2018 Robert Ramey - http://www.rrsd.com
(C) Copyright 2018 Mario Suvajac
(C) Copyright 2013-2018 Andrey Semashev
(C) Copyright 2018 Alexander Grund
(C) Copyright 2017 Peter Dimov
(C) Copyright 2017 James E. King III
(C) Copyright 2016 Raffi Enficiaud.
(C) Copyright 2016 Barrett Adair
(C) Copyright 2016 Ashish Sadanandan
(C) Copyright 2015: Kyle Lutz
(C) Copyright 2015 Boost.test team
(C) Copyright 2015 Boost.Test team.
(C) Copyright 2008-2018 Vicente J. Botet Escriba
(C) Copyright 2012-2014 Vicente Botet
(C) Copyright 2014 Jorge Lodos
(C) Copyright 2014 Jim Bell
(C) Copyright 2013-2013 Ion Gaztanaga
(C) Copyright 2009-2013 Tim Blechmann
(C) Copyright 2013 Ruslan Baratov
(C) Copyright 2008-2013 Oliver Kowalke.
(C) Copyright 2013 Louis Dionne
(C) Copyright 2013 Andrey

(C) Copyright 2004-2012 : Eric Niebler
(C) Copyright 2012 Howard Hinnant
(C) Copyright 2012 Boris Schaeling
(C) Copyright 2011-2013 Andrew Hundt <ATHundt@gmail.com>
(C) Copyright 2011-2012,2017-2018 Vicente J. Botet Escriba
(C) Copyright 2011-2012,2015 Vicente J. Botet Escriba
(C) Copyright 2011-2012 Vicente J.Botet Escriba.
(C) Copyright 2011-18 Vicente J. Botet Escriba.
(C) Copyright 2011-2011 -12 Vicente J. Botet Escriba.
(C) Copyright 2011,2012,2015 Vicente J. Botet Escriba
(C) Copyright 2011 Steven Watanabe
(C) Copyright 2010: Tim Blechmann
(C) Copyright 2010 Robert Ramey - http://www.rrsd.co
(C) Copyright 2008-2010 Robert Ramey
(C) Copyright 2010 Just Software Solutions Ltd http://www.justsoftwaresolutions.co.uk
(C) Copyright 2010 Dean Michael Berris. <mikhailberis@gmail.com>
(C) Copyright 2010 Dean Michael Berris.
(C) Copyright 2010 Daniel James
(C) Copyright 2010 Bryce Lelbach
(C) Copyright 2007-2012 Anthony Williams
(C) Copyright 2009-2011 Frederic Bron.
(C) Copyright 2009-2011 Frederic Bron, Robert Stewart, Steven Watanabe & Roman Perepelitsa.
(C) Copyright 2007-2010 Andrew Sutton
(C) Copyright 2009 Eric Moyer - http://www.rrsd.com .
(C) Copyright 2009 Eric Bose-Wolf
(C) Copyright 2009 Dmitry Bufistov, Andrew Sutton
(C) Copyright 2009 Brian Ravnsgaard and Kenneth Riddile
(C) Copyright 2007-2008 -9 Anthony Williams.
(C) Copyright 2008-2011 : Joachim Faulhaber
(C) Copyright 2008-2009,2012 Vicente J. Botet Escriba
(C) Copyright 2007-2008 -11 Anthony Williams.
(C) Copyright 2008-10 Anthony Williams 2015 Oliver Kowalke
(C) Copyright 2007-2008 -10 Anthony Williams
(C) Copyright 2005-2008 Matthias Troyer
(C) Copyright 2008 Joaquin M Lopez Munoz
(C) Copyright 2008 CodeRage, LLC (turkanis at coderage dot com)
(C) Copyright 2005-2007 -8 Anthony Williams.
(C) Copyright 2007-12 Anthony Williams.
(C) Copyright 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker
(C) Copyright 2007 Roland Schwarz
(C) Copyright 2006-2007 Douglas Gregor <doug.gregor -at- gmail.com> Andreas Kloeckner <inform -at- tiker.net>
(C) Copyright 2007 David Deakins
(C) Copyright 2007 Andreas Kloeckner <inform -at- tiker.net>
(C) Copyright 2005-2006 -7 Anthony Williams
(C) Copyright 2006 Eric Niebler, Olivier Gygi
(C) Copyright 2006 Douglas Gregor <doug.gregor -at- gmail.com>
(C) Copyright 2006 Douglas Gregor <doug.gregor -at gmail.com>
(C) Copyright 2006 David Abrahams
(C) Copyright 2006 Boris Gubenko.
(C) Copyright 2003-2007 Jonathan Turkanis
(C) Copyright 2005, 2006 Trustees of Indiana University
(C) Copyright 2005 The Trustees of Indiana University.
(C) Copyright 2005 Matthias Troyer and Dave Abrahams

(C) Copyright 2005 John Maddock
(C) Copyright 2005 Douglas Gregor
(C) Copyright 2005 Daniel Egloff, Eric Niebler
(C) Copyright 2004-2009 Robert Ramey, Martin Ecker and Takatoshi Kondo
(C) Copyright 2004 Robert Ramey and Martin Ecker
(C) Copyright 2004-2004 Pavel Vozenilek.
(C) Copyright 2004 Douglas Gregor and Jeremy Siek
(C) Copyright 2003-4 Pavel Vozenilek and Robert Ramey - http://www.rrsd.com
(C) Copyright 2002-7 Robert Ramey - http://www.rrsd.com
(C) Copyright 2002-4 Robert Ramey - http://www.rrsd.com
(C) Copyright 2002-4 Pavel Vozenilek
(C) Copyright 2002-2009 Vladimir Prus, Robert Ramey and Takatoshi Kondo
(C) Copyright 2002-2009 Vladimir Prus and Robert Ramey
(C) Copyright 2002-2008 , Fernando Luis Cacciola Carballal.
(C) Copyright 2002-2008 Robert Ramey and Joaquin M Lopez Munoz
(C) Copyright 2002-14 Robert Ramey - http://www.rrsd.com
(C) Copyright 2002-10 Robert Ramey - http://www.rrsd.com
(C) Copyright 2002, 2003 Beman Dawes
(C) Copyright 2002 Vahan Margaryan
(C) Copyright 2002 Robert Ramey- http://www.rrsd.com and Takatoshi Kondo
(C) Copyright 2002 Robert Ramey- http://www.rrsd.com - David Tonge
(C) Copyright 2002 Robert Ramey - http://www.rrsd.com . Polymorphic derived pointer example by David Tonge.
(C) Copyright 2002 Robert Ramey - http://www.rrsd.com .
(C) Copyright 2002 Rani Sharoni (rani_sharoni@hotmail.com) and Robert Ramey
(C) Copyright 2002 Martin Ecker.
(C) Copyright 20012 Vicente J. Botet Escriba
(C) Copyright 12 Vicente J. Botet Escriba.
(C) COPYRIGHT 2018 Reimar Döffinger Based on zstd_test.cpp by:
(C) COPYRIGHT 2017 ARM Limited Based on gzip_test.cpp by:
(C) COPYRIGHT 2017 ARM Limited
(C) BOOST_TEST(C) else include <boost/static_assert.hpp>
(C) ACM, 2011. http://doi.acm.org/10.1145/1916461.1916469
(C) ACM, 2011. 2002-2011, Christopher Kormanyos
(C) ACM, 2011
(C) 2008-2018 Emil Dotchevski and Reverge Studios, Inc.
(C) 2006 Douglas Gregor <doug.gregor@gmail.com>
(C) 1995-2017 Jean-loup Gailly and Mark Adler
(C) 2002-2011, Christopher Kormanyos

1.1.4.2 Acknowledgements

This product includes software developed at the University of Notre Dame
and the Pervasive Technology Labs at Indiana University. For technical
information contact Andrew Lumsdaine at the Pervasive Technology Labs at
Indiana University. For administrative and license questions contact the
Advanced Research and Technology Institute at 351 West 10th Street.
Indianapolis, Indiana 46202, phone 317-278-4100, fax 317-274-5902.

To the extent files may be licensed under MIT or BSL-1.0, in this context BSL-1.0 has been chosen.
This shall not restrict the freedom of other users to choose either MIT or BSL-1.0 license.

To the extent files may be licensed under MIT and NCSA. In this context MIT License has been chosen.

1.1.4.3 Licenses

BSL-1.0 (19)
Public Domain Notice(Alexander Peslyak) (20)
Perforce Jam License (21)
Permission Notice(CrystalClear Software, Inc.) (22)
Permission Notice(Silicon Graphics Computer Systems, Inc.) (23)
Permission Notice (Douglas Gregor) (24)
Permission Notice (William E. Kempf) (25)
Permission Notice(Ralf Mattethat) (26)
Permission Notice (Hewlett-Packard Company) (27)
Permission Notice (Hewlett-Packard Company) (27)
Unicode-ToU-with exhibit (28)
Software License, Version 1.0 (29)
Permission Notice (Hewlett-Packard Company) (27)
Permission Notice: (30)
Permission Notice(Ralf Mattethat) (26)
Permission Notice(Ralf Mattethat) (26)
SOFTWARE FREEDOM CONSERVANCY FISCAL SPONSORSHIP AGREEMENT (31)
Henry Spencer notice (32)
Public Domain Notice: (33)
Public Domain Notice: (34)
Public Domain Notice: (35)
Public Domain Notice: (36)
Hewlett-Packard Notice (37)
Permission Notice (Ronald Garcia and Andrew Lumsdaine) (38)
Dual License - MIT or BSL-1.0 (39)
Dual License - MIT and NCSA (40)
Public Domain Notice (41)
Permission Notice (42)
GPL-2.0+-with-bison-exceptions (43)
CC0-1.0 (44)
BSD-3-Clause (45)
BSD-3-Clause (46)
GPL-2.0 (14)
MIT (47)
Zlib (48)
Apache-2.0 (49)

1.1.5 bridge-utils 1.6

1.1.5.1 Copyrights

Copyright 1991 by the Massachusetts Institute of Technology
Copyright (C) 2000 Lennert Buytenhek
Copyright (C) 19yy name of author Gnomovision
Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.1.5.2 Licenses

GPL-2.0 (14)
GPL-2.0+ (50)

1.1.6 BusyBox 1.29.3

1.1.6.1 Copyrights

copyright (c) 2002 Romain Lievin <roms@lpg.ticalc.org>.
copyright (c) 2001 by glenn mcgrath
copyright (c) 1995 Ian Jackson <ian@chiark.greenend.org.uk>
copyright (C) 1997 by Vernon Hoxie.
copyright (C) 1996-2006 Julian R Seward. All rights reserved.
copyright (C) 1990-1996 Free Software Foundation, Inc.
Copyright: Copyright (C) 2001, Hewlett-Packard Company Author: Christopher Hoover <ch@hpl.hp.com>
Copyright: 2006, 2007 Stefan Rompf <sux@loplof.de>.
Copyright 2007-2018 by Denys Vlasenko <vda.linux@googlemail.com>
Copyright 2005-2015 by Bernhard Reutner-Fischer
Copyright 2015 Denys Vlasenko
Copyright 2010-2012 , Denys Vlasenko
Copyright 2007-2011 by Denys Vlasenko
Copyright 2005-2010 Rob Landley <rob@landley.net>
Copyright 2010 Nokia Corporation Written by Alexander Shishkin .
Copyright 2004-2009 Matt Mackall <mpm@selenic.com>
Copyright 2003-2007 Tito Ragusa <farmatito@tiscali.it>
Copyright 2007 KaiGai Kohei <kaigai@kaigai.gr.jp>
Copyright 2006, Rob Landley <rob@landley.net>
Copyright 2006, Bernhard Reutner-Fischer
Copyright 2005-2006 by Rob Landley <rob@landley.net>
Copyright 2006 by Natanael Copa <n@tanael.org>.
Copyright 2006 by Mike Frysinger <vapier@gentoo.org>
Copyright 2006 by Erik Hovland <erik@hovland.org>
Copyright 2001-2006 Glenn McGrath
Copyright 2006 Bernhard Reutner-Fischer <rep.nop@aon.at>
Copyright 2006 Bernhard Reutner-Fischer
Copyright 2005 by Rob Landley
Copyright 2005 Rob Landley <rob@landley.net
Copyright 2005 H. Peter Anvin Busybox'ed (2014) by Pascal Bellard <pascal.bellard@ads-lu.com>
Copyright 2005 Frank Sorenson <frank@tuxrocks.com>
Copyright 2004 Tony J. White
Copyright 2003, Glenn McGrath
Copyright 2002 by Kai Germaschewski <kai.germaschewski@gmx.de>
Copyright 2002 Laurence Anderson
Copyright 2002 Andi Kleen, SuSE Labs.
Copyright 1999-2003 Donald Becker and Scyld Computing Corporation.
Copyright 1999 George Staikos
Copyright 1999 Dave Cinege
Copyright 1998 by Albert Cahalan; all rights reserved.
Copyright 1997,.. by Peter Hanecak <hanecak@megaloman.sk>. All rights reserved.
Copyright 1997, 2000, 2001 Larry Doolittle <LRDoolittle@lbl.gov>
Copyright 1996, 1997 Linux International. Contributed by Ralf Baechle <ralf@gnu.ai.mit.edu>
Copyright 1996-1997 Linux International.
Copyright 1994-1996 Donald Becker
Copyright 1994 Matthew Dillon (dillon@apollo.west.oic.com) version 2.3.2)
Copyright 1994 Matthew Dillon (dillon@apollo.west.oic.com)
Copyright 1993 MicroWalt Corporation
Copyright 1991-1997 Miquel van Smoorenburg.

Copyright 1989 - 1991, Julianne Frances Haugh <jockgrrl@austin.rr.com> All rights reserved.
Copyright (c) University of Delaware 1992-2009
Copyright (c) PeerSec Networks, 2002-2011 All Rights Reserved
Copyright (c) Michiel Huisjes
Copyright (c) 2007-2017 Denys Vlasenko <vda.linux@googlemail.com>
Copyright (c) 2017 Denys Vlasenko <vda.linux@gmail.com>
Copyright (c) 2013-2015 INSIDE Secure Corporation
Copyright (c) 2011 Pere Orga <gotrunks@gmail.com>
Copyright (c) 2010 Denys Vlasenko Split from ash.c
Copyright (c) 2008 Vladimir Dronnikov
Copyright (c) 2008 Timo Teras <timo.teras@iki.fi>
Copyright (c) 2008 Pascal Bellard
Copyright (c) 2008 Nuovation System Designs, LLC Grant Erickson <gerickson@nuovations.com>
Copyright (c) 2008 Denys Vlasenko
Copyright (c) 2008 Bernhard Reutner-Fischer (initial depmod code)
Copyright (c) 2006-2009 Bernhard Reutner-Fischer
Copyright (c) 2006 Freescale Semiconductor, Inc <stuarth@freescale.com>
Copyright (c) 2004 Nicholas Miell ported from procps by Pere Orga <gotrunks@gmail.com> 2011
Copyright (c) 2004 Alexander Guy <alexander.guy@andern.org>
Copyright (c) 2001-2004 Erik Andersen <andersen@codepoet.org>
Copyright (c) 2003, 2004 Henning Brauer <henning@openbsd.org>
Copyright (c) 2003 Todd C. Miller <Todd.Miller@courtesan.com>
Copyright (c) 1999-2002 by David I. Bell
Copyright (c) 2002 Steven J. Hill <shill@broadcom.com>
Copyright (c) 2002 Manuel Novoa III <mjn3@codepoet.org>
Copyright (c) 2002 Glenn McGrath
Copyright (c) 2002 AYR Networks, Inc.
Copyright (c) 2001-2006, Gerrit Pape All rights reserved.
Copyright (c) 2001 Stuart Hughes <seh@zee2.com>
Copyright (c) 2001 David Schleef <ds@schleef.org>
Copyright (c) 2001 Aaron Lehmann <aaronl@vitelus.com>
Copyright (c) 2000 Edward Betts <edward@debian.org>.
Copyright (c) 1999, 2000 The Dig Group
Copyright (c) 1999 Anthony Towns <aj@azure.humbug.org.au>
Copyright (c) 1997-2005 Herbert Xu <herbert@gondor.apana.org.au>
Copyright (c) 1997, 1998, 1999, 2000 Frodo Looijaard <frodol@dds.nl>
Copyright (c) 1994 David Burren All rights reserved.
Copyright (c) 1980-1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1992 Roger Binns
Copyright (c) 1992 Branko Lankester
Copyright (c) 1988-1989 , 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1989, 1991, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1988, 1989, 1991, 1994, 1995, 1996, 1997, 1998, 1999, 2000 The Regents of the University of California. All rights reserved.
Copyright (c) 1987,1997, Prentice Hall All rights reserved.
Copyright (c) 1987, 1988 Regents of the University of California. All rights reserved.
Copyright (c) 1986-2003 Vladimir Oleynik <dzo@simtreas.ru>
Copyright (C) many different people.
Copyright (C) [2003] by [Matteo Croce]
Copyright (C) Manuel Novoa III <mjn3@codepoet.org> and Vladimir Oleynik <dzo@simtreas.ru>

Copyright (C) KaiGai Kohei <kaigai@ak.jp.nec.com>
Copyright (C) Arne Bernin <arne@matrix.loopback.org>
Copyright (C) Andreas Neuper, Sep 1998-1998 .
Copyright (C) Andre Masella <andre@masella.no-ip.org>
, 1995-2006 Free Software Foundation, Inc.
Copyright (C) 86, 89, 91, 1995-2002, 2004 Free Software Foundation, Inc.
Copyright (C) 86, 1991-1997, 1999 Free Software Foundation, Inc.
Copyright (C) 2018 Sven-Göran Bergh <sgb@systemaxion.se>
Copyright (C) 2007-2017 by Denys Vlasenko <vda.linux@googlemail.com>
Copyright (C) 2017 by <assafgordon@gmail.com>
Copyright (C) 2017 Markus Gothe <nietzsche@lysator.liu.se>
Copyright (C) 2017 Jo-Philipp Wich <jo@mein.io>
Copyright (C) 2014-2016 by Bartosz Golaszewski <bartekgola@gmail.com>
Copyright (C) 2015 by Ari Sundholm <ari@tuxera.com> and Tuxera Inc.
Copyright (C) 2015 by Ari Sundholm <ari@tuxera.com>
Copyright (C) 2014 by Fugro Intersite B.V. <m.stam@fugro.nl>
Copyright (C) 2005-2014 Tito Ragusa <farmatito@tiscali.it>
Copyright (C) 2014 Isaac Dunham <ibid.ag@gmail.com>
Copyright (C) 2014 Bartosz Golaszewski <bartekgola@gmail.com>
Copyright (C) 2013 Rolf Fokkens <rolf@fokkens.nl>
Copyright (C) 2012 by Sven Oliver 'SvOlli' Moll <svolli@svolli.de>
Copyright (C) 2012 S-G Bergh <sgb@systemasis.org>
Copyright (C) 2006-2018 Denys Vlasenko.
Copyright (C) 2011 Marek Bečka <yuen@klacno.sk>
Copyright (C) 2010 by Matheus Izvekov <mizvekov@gmail.com>
Copyright (C) 2010 by Grigory Batalov <bga@altlinux.org>
Copyright (C) 2008-2010 Timo Teras <timo.teras@iki.fi>
Copyright (C) 2010 Sergey Naumov <sknaumov@gmail.com>
Copyright (C) 2010 Nokia Corporation. All rights reserved. Written by Alexander Shishkin.
Copyright (C) 2010 Nokia Corporation. All rights reserved. Written by Alexander Shishkin
<virtuoso@slind.org>
Copyright (C) 2010 Marek Polacek <mmpolacek@gmail.com>
Copyright (C) 2009-2010 Malek Degachi <malek-degachi@laposte.net>
Copyright (C) 2010 Lauri Kasanen
Copyright (C) 2010 Kevin Cernekee <cernekee@gmail.com>
Copyright (C) 2010 Bradley M. Kuhn <bkuhn@ebb.org>
Copyright (C) 2009 by Dan Fandrich <dan@coneharvesters.com>, et. al.
Copyright (C) 2009 Vladimir Dronnikov <dronnikov@gmail.com>
Copyright (C) 2009 Maksym Kryzhanovskyy <xmaks@email.cz>
Copyright (C) 2005-2009 Bernhard Reutner-Fischer
Copyright (C) 2007-2017 Denys Vlasenko <vda.linux@googlemail.com>
Copyright (C) 2008, BusyBox Team.
Copyright (C) 2008 by Vladimir Dronnikov <dronnikov@gmail.com>
Copyright (C) 2003-2008 by Tito Ragusa <farmatito@tiscali.it>
Copyright (C) 2008 by Timo Teras <timo.teras@iki.fi>
Copyright (C) 2008 by Patricia Muscalu <patricia.muscalu@axis.com>
Copyright (C) 2008 by Denys Vlasenko <vda.linux@gmail.com>
Copyright (C) 2008 by Bernhard Reutner-Fischer
Copyright (C) 2008 by <u173034@informatik.uni-oldenburg.de>
Copyright (C) 2008 Nokia Corporation. All rights reserved.
Copyright (C) 2007-2008 Natanael Copa <natanael.copa@gmail.com>
Copyright (C) 2008 Michele Sanges <michele.sanges@gmail.com>
Copyright (C) 1997-2008 Markus Franz Xaver Johannes Oberhumer
Copyright (C) 2008 Darius Augulis <augulis.darius@gmail.com>
Copyright (C) 2007 by Stephane Billiart <stephane.billiart@gmail.com>

Copyright (C) 2007 by KaiGai Kohei <kaigai@kaigai.gr.jp>
Copyright (C) 2007-2007 Loic Grenie <loic.grenie@gmail.com>
Copyright (C) 2006-2015 wolfSSL Inc.
Copyright (C) 2006 by Yoshinori Sato <ysato@users.sourceforge.jp>
Copyright (C) 2006 by Robert Sullivan <cogito.ergo.cogito@hotmail.com>
Copyright (C) 2006 by Rob Sullivan,
Copyright (C) 2005-2006 by Rob Sullivan <cogito.ergo.cogito@gmail.com>
Copyright (C) 2006 by Jason Schoon <floydpink@gmail.com>
Copyright (C) 2006 by Jan Kiszka <jan.kiszka@web.de>
Copyright (C) 2006 Rob Landley
Copyright (C) 2006 Michael Opdenacker <michael@free-electrons.com>
Copyright (C) 2006 Jesse Dutton <jessedutton@gmail.com>
Copyright (C) 2006 Gabriel Somlo <somlo at cmu.edu>
Copyright (C) 2006 Bernhard Reutner-Fischer <busybox@busybox.net>
Copyright (C) 2006 Aurelien Jacobs <aurel@gnuage.org>
Copyright (C) 2006 - 2007 KaiGai Kohei <kaigai@kaigai.gr.jp>
Copyright (C) 2005-6, Roberto A. Foglietta <me@roberto.foglietta.name>
Copyright (C) 2004-2006 by Rob Landley <rob@landley.net>
Copyright (C) 2005-2008 Rob Landley <rob@landley.net>
Copyright (C) 2005 by Tito Ragusa <tito-wolit@tiscali.it>
Copyright (C) 2005 by Robert Sullivan <cogito.ergo.cogito@gmail.com>
Copyright (C) 2005 by Mike Frysinger <vapier@gentoo.org>
Copyright (C) 2005 by Marc Leeman <marc.leeman@barco.com>
Copyright (C) 2005 W. Michael Petullo <mike@flyn.org>
Copyright (C) 2005 Vladimir Oleynik
Copyright (C) 2005 Tobias Klauser <tklauser@access.unizh.ch>
Copyright (C) 2005 Roberto A. Foglietta (me@roberto.foglietta.name)
Copyright (C) 2005 Odd Arild Olsen (oao at fibula dot no)
Copyright (C) 2001-2005 Manuel Novoa III <mjn3@codepoet.org>
Copyright (C) 2004-2005 Kay Sievers <kay.sievers@vrfy.org>
Copyright (C) 1989-2007 Free Software Foundation, Inc.
Copyright (C) 2004,2005 Enrik Berkhan <Enrik.Berkhan@inka.de>
Copyright (C) 2004, Glenn McGrath
Copyright (C) 2004 by Ed Clark
Copyright (C) 2004 by David Brownell
Copyright (C) 2004 Peter Willis <psyphreak@phreaker.net>
Copyright (C) 2004 Erik Andersen <andersen@codepoet.org>
Copyright (C) 2003-2006 Vladimir Oleynik <dzo@simtreas.ru>
Copyright (C) 1999-2005 by Erik Andersen <andersen@codepoet.org>
Copyright (C) 2003-2004 Erik Andersen
Copyright (C) 2003,2004 by Rob Landley <rob@landley.net>
Copyright (C) 2003,2004 Free Software Foundation, Inc. Contributed by Kelley Cook, June 2004. Original code from Neil Booth, May 2003.
Copyright (C) 2003 by Rob Landley <rob@landley.net>, Joey Hess
Copyright (C) 2000-2003 by Glenn McGrath
Copyright (C) 2003 by Arthur van Hoff (avh@strangeberry.com)
Copyright (C) 2003 Yang Xiaopeng <yxp at hanwang.com.cn>
Copyright (C) 2003 Russ Dill <Russ.Dill@asu.edu>
Copyright (C) 2003 Paul Sheer
Copyright (C) 2003 Paul Mundt <lethal@linux-sh.org>
Copyright (C) 2002-2003 Glenn McGrath
Copyright (C) 2003 Glenn L. McGrath
Copyright (C) 2003 Bernardo Innocenti <bernie@develer.com>
Copyright (C) 2003 Bastian Blank <waldi@tuxbox.org>
Copyright (C) 2002-2009 Craig Small

Copyright (C) 2002-2005 Sam Ravnborg <sam@ravnborg.org>
Copyright (C) 2002-2005 Roman Zippel <zippel@linux-m68k.org>
Copyright (C) 2002-2003 Romain Lievin <roms@tilp.info>
Copyright (C) 2002,2003 Glenn Engel <glenne@engel.org>
Copyright (C) 2002 by Vladimir Oleynik <dzo@simtreas.ru>
Copyright (C) 2002 by Dmitry Zakharov <dmit@crp.bank.gov.ua>
Copyright (C) 2002 by Bart Visscher <magick@linux-fan.com>
Copyright (C) 2002 Roman Zippel <zippel@linux-m68k.org>.\n";
Copyright (C) 2002 Robert Griebl <griebl@gmx.de>
Copyright (C) 2002 Randy Dunlap <rddunlap at osdl.org>
Copyright (C) 2000-2002 Matt Kraai.
Copyright (C) 2002 Mario Strasser <mast@gmx.net>, Zuercher Hochschule Winterthur, Netbeat AG Upstream
Copyright (C) 2002 Khalid Aziz <khalid_aziz at hp.com>
Copyright (C) 2002 Jeff Angielski, The PTR Group <jeff@theptrgroup.com>
Copyright (C) 2002 Hewlett-Packard Company
Copyright (C) 2000-2002 Edward Betts <edward@debian.org>
Copyright (C) 2002 Al Stone <ahs3 at fc.hp.com>
Copyright (C) 2001-2002 by Laurence Anderson
Copyright (C) 2001,2002 Vladimir Oleynik <dzo@simtreas.ru> (initial bb port)
Copyright (C) 2001, 2002, 2003, 2004, 2005 Free Software Foundation.
Copyright (C) 2001 by Michael Habermann <mhabermann@gmx.de>
Copyright (C) 2000-2001 by Gennady Feldman <gfeldman@gena01.com>
Copyright (C) 2001 by Emanuele Aina <emanuele.aina@tiscali.it>
Copyright (C) 2001 Matt Krai
Copyright (C) 2001 Manuel Novoa III
Copyright (C) 2001 Magnus Damm <damm@opensource.se>
Copyright (C) 2001 Larry Doolittle, <ldoolitt@recycle.lbl.gov>
Copyright (C) 2001 Hewlett-Packard Laboratories
Copyright (C) 2000-2001 Jeff Tranter (tranter@pobox.com)
Copyright (C) 2000-2001 by Matt Kraai <kraai@alumni.carnegiemellon.edu>
Copyright (C) 2000-2001 Matt Kraai <kraai@alumni.carnegiemellon.edu>
Copyright (C) 2000,2001 Larry Doolittle <larry@doolittle.boa.org>
Copyright (C) 2000, Jan-Derk Bakker (J.D.Bakker@its.tudelft.nl)
Copyright (C) 2000, 2001 Sterling Huxley <sterling@europa.com>
Copyright (C) 2000 by spoon <spoon@ix.netcom.com> Written by spoon <spon@ix.netcom.com>
Copyright (C) 1999-2000 by Randolph Chung <tausq@debian.org>
Copyright (C) 2000 by Matt Kraai <kraai@alumni.carnegiemellon.edu> SELinux support by Yuichi Nakamura <ynakam@hitachisoft.jp>
Copyright (C) 2000 by Karl M. Hegbloom <karlheg@debian.org>
Copyright (C) 2000 by Daniel Jacobowitz Written by Daniel Jacobowitz <dan@debian.org>
Copyright (C) 2000 and written by Emanuele Caratti <wiz@iol.it>
Copyright (C) 2000 Lennert Buytenhek
Copyright (C) 2000 Jean-Pierre Lefebvre <helix@step.polymtl.ca> and Remi Lefebvre <remi@debian.org>
Copyright (C) 2000 Arcom Control System Ltd
Copyright (C) 1999-2005 Igor Pavlov
Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org> written by Erik Andersen <andersen@codepoet.org>.
Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org> based on original code by (I think) Bruce Perens <bruce@pixar.com>.
Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org> and Ron Alder <alder@lineo.com>

Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org> Written by Erik Andersen and Kent Robotti <robotti@metconnect.com>
Copyright (C) 1999,2000,2001 by Mark Whitley <markw@codepoet.org>
Copyright (C) 1999,2000,2001 by Lineo, inc. and Mark Whitley
Copyright (C) 1999,2000,2001 by Lineo, inc. and John Beppu
Copyright (C) 1999,2000,2001 by Lineo, inc. Written by Mark Whitley <markw@codepoet.org> debloated by Bernhard Reutner-Fischer
Copyright (C) 1999,2000,2001 by John Beppu <beppu@codepoet.org>
Copyright (C) 1999-2000 by Lineo, inc. and John Beppu
Copyright (C) 1999 Uwe Ohse <uwe@ohse.de>
Copyright (C) 1999 Matthew Ramsay <matthewr@moreton.com.au> Chris Trew <ctrew@moreton.com.au>
Copyright (C) 1999 Hewlett-Packard Co
Copyright (C) 1999 David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (C) 1997-2002 Richard Gooch
Copyright (C) 1998, 1999 Charles P. Wright
Copyright (C) 1998 Enrique Zanardi <ezanardi@ull.es>
Copyright (C) 1998 Dave Cinege
Copyright (C) 1996..2008 Markus Franz Xaver Johannes Oberhumer All Rights Reserved.
Copyright (C) 1996..2003 Markus Franz Xaver Johannes Oberhumer All Rights Reserved.
Copyright (C) 1996-2006 Julian Seward <jseward@bzip.org>
Copyright (C) 1996-1999 Guy Maor <maor@debian.org>
Copyright (C) 1996, 1997, 1998, 1999 Free Software Foundation, Inc.
Copyright (C) 1996 Markus Franz Xaver Johannes Oberhumer All Rights Reserved.
Copyright (C) 1996 Jeff Noxon <jeff@router.patch.net>,
Copyright (C) 1996 Brian Candler <B.Candler@pobox.com>
Copyright (C) 1995, 1996, 1997, 1998, 2000 Free Software Foundation, Inc.
Copyright (C) 1995, 1996 by Bruce Perens <bruce@pixar.com>.
Copyright (C) 1995 Bruce Perens
Copyright (C) 1994-2000 by Tomi Ollila
Copyright (C) 1994-1998 Andries E. Brouwer <aeb@cwi.nl>
Copyright (C) 1994-1996 Charles L. Blake.
Copyright (C) 1994,1996 Alessandro Rubini (rubini@ipvvis.unipv.it)
Copyright (C) 1993-2002 Werner Almesberger
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 by Theodore Ts'o.
Copyright (C) 1993, 1994 Theodore Ts'o.
Copyright (C) 1993, 1994 Remy Card <card@masi.ibp.fr>
Copyright (C) 1993 Rick Sladkey <jrs@world.std.com>
Copyright (C) 1992-1998 Michael K. Johnson
Copyright (C) 1992-1993 Jean-loup Gailly.
Copyright (C) 1992, 1996 Free Software Foundation, Inc. Written by David MacKenzie <djm@gnu.ai.mit.edu>.
Copyright (C) 1992, 1993, 1994, 1995 Remy Card (card@masi.ibp.fr) Laboratoire MASI - Institut Blaise Pascal Universite Pierre et Marie Curie (Paris VI)
Copyright (C) 1992 A. V. Le Blanc (LeBlanc@mcc.ac.uk)
Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.
Copyright (C) 1991,92,95,96,97,98,99,2001 Free Software Foundation, Inc.
Copyright (C) 1991,92,95,96,97,98,99,2000,01 Free Software Foundation, Inc.
Copyright (C) 1991, 1992 Linus Torvalds
Copyright (C) 1990, 91, 92, 93, 96 Free Software Foundation, Inc.
Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Copyright (C) 1987, 1989, 1991 Free Software Foundation, Inc.
Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002, 2003, 2004 Free Software Foundation, Inc.

Copyright (C) (C) 2003 Vladimir Oleynik <dzo@simtreas.ru>
(c) 2008 Timo Teras <timo.teras@iki.fi>
(c) 2007 by Yuichi Nakamura <ynakam@hitachisoft.jp>
(c) 2002 Robert Griebl
(c) 2002 Glenn McGrath
(c) 1997 by Andi Kleen
(c) 1995-1999 by: Geert Uytterhoeven (Geert.Uytterhoeven@cs.kuleuven.ac.be)
(c) 1995 Erik Andersen <andersen@codepoet.org> (Majorly adjusted for busybox)
(C) Mar 16, 2003 Manuel Novoa III (mjn3@codepoet.org)
(C) Lauri Kasanen, under the GPLv2.
(C) Copyright 2000, Axis Communications AB, LUND, SWEDEN
(C) 2009 Stefan Seyfried <seife@sphairon.com>
(C) 2009 <vonsch@gmail.com>
(C) 2007 by Tito Ragusa <farmatito@tiscali.it>
(C) 2007 Gabriel Somlo <somlo at cmu.edu>
(C) 2006 Jac Goudsmit added -o option
(C) 2005 <dzo@simtreas.ru>
(C) 2004 Yuichi Nakamura <ynakam@hitachisoft.jp>
(C) 2002-2003 Vladimir Oleynik <dzo@simtreas.ru>
(C) 2002,2003 by Vladimir Oleynik <dzo@simtreas.ru>
(C) 1991-1992 Linus Torvalds.

1.1.6.2 Acknowledgements

This component can be licensed under GPL V2 or later. In this case the GPL V2 has been chosen. This shall not restrict the freedom of future users to choose GPL V2 or any later version

This component can be licensed under BSD-3-Clause or GPL-2.0 License. In this context BSD-3-Clause License has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 License.

This component can be licensed under LGPL V2.1 or later. In this case the LGPL V2.1 has been chosen. This shall not restrict the freedom of future users to choose LGPL V2.1 or any later version.

This component can be licensed under GPL-1.0+ or Artistic-1.0 License. In this context Artistic-1.0 License has been chosen. This shall not restrict the freedom of future contributors to choose GPL-1.0+ License.

1.1.6.3 Licenses

GPL-2.0 (51)
GPL-2.0 (52)
GPL-2.0 (53)
GPL-2.0 (54)
ISC-style (55)
bzip2 (56)
GPL-2.0+-with-bison-exception (57)
Beerware (58)
Beerware (59)
RSA-Security (60)
RSA-Security (61)
Public-domain (62)
Public-domain (63)
Public-domain (64)
Public-domain (65)

MIT-style (66)
MIT-style (67)
MIT-style (68)
MIT-style (69)
MIT-style (70)
MIT-style (71)
BSD-style (72)
BSD-4-Clause-UC (73)
BSD-4-Clause (74)
BSD-4-Clause (75)
BSD-3-Clause (76)
BSD-3-Clause (77)
BSD-3-Clause (78)
LGPL-2.1 (79)
LGPL-2.1 (80)
MIT (47)
Artistic-1.0 (81)

1.1.7 bzip2 1.0.6

1.1.7.1 Copyrights

Copyright (C) 1996-2010 Julian Seward <jseward@bzip.org>
copyright (C) 1996-2010 Julian R Seward. All
rights reserved.
Copyright 1996-2004 Glyph & Cog, LLC
Copyright (URW)
Copyright 1999 by (URW)
Copyright (c) 1997, 2009 American Mathematical Society
Copyright: (<http://www.ams.org>), with Reserved Font Name CMMI10.
Copyright: (<http://www.ams.org>), with Reserved Font Name CMSY10.
Copyright 1996-2010 Julian Seward
copyright 1996-2010 Julian Seward.
All rights reserved.
Copyright (C) 1996-2010 by Julian Seward.
copyright 1996-2010 Julian Seward. All rights reserved.

1.1.7.2 Licenses

BZIP License (BSD 4) (82)
GPL V2 with special exception font program (83)
SIL Open Font License V 1.1 (84)
BSD old (85)

1.1.8 ca-certificates 20190110

1.1.8.1 Copyrights

copyright 1997 to 1999 by Joey Hess.
Copyright: 2003 Fumitoshi UKAI ukai@debian.or.jp 2009 Philipp Kern pkern@debian.org 2011 Michael Shuler michael@pbandjelly.org
Copyright: 1994-2000 Netscape Communications Corporation
Copyright © 2007 Free Software Foundation, Inc. Clytie Siddall clytie@riverland.net.au, 2005-2007.
Copyright Mozilla Contributors
Copyright Atila KOÇ (akoc@artielektronik.com.tr), 2012.

Copyright 2013 System Administrator root@localhost.localdomain
Copyright (c) 2009 Philipp Kern pkern@debian.org
Copyright (c) 2004, 2010, 2011 Software in the Public Interest, Inc
Copyright (c) 2003 Fumitoshi UKAI ukai@debian.or.jp
Copyright (C) 2016 THE ca-certificates COPYRIGHT HOLDER. Izharul Haq (atoz.chevara@yahoo.com), 2016.
Copyright (C) 2011 Slavko (linux@slavino.sk), 2011.
Copyright (C) 2011 Martin Bagge (brother@bsnet.se)
Copyright (C) 2011 Frans Pop aragorn@tiscali.nl, 2004, 2006. Jeroen Schot schot@a-eskwadraat.nl, 2011.
Copyright (C) 2011 Claus Hindsgaul claus.hindsgaul@gmail.com, 2004, 2006. Joe Hansen joedalton2@yahoo.dk, 2010, 2011.
Copyright (C) 2009 Philipp Kern pkern@debian.org
Copyright (C) 2007 Mikhail Gusarov dottedmag@dottedmag.net Yuri Kozlov yuray@komyakino.ru, 2011.
Copyright (C) 2007 Carlos Lisboa carloslisboa@gmail.com, 2007. Miguel Figueiredo elmig@debianpt.org, 2007-2011.
Copyright (C) 2006, 2007 Debian French l10n team debian-l10n-french@lists.debian.org
Copyright (C) 2005-2007 Software in the Public Interest
Copyright (C) 2003 Ilgiz Kalmetev translator@ilgiz.pp.ru
(c) 2006-2012 Entrust, Inc.
(c) 2006-2008 thawte, Inc.
(c) 1999-2008 VeriSign, Inc.
(c) 2007-2008 GeoTrust Inc.
(c) 1999 Entrust.net
Piarres Beobide pi@beobide.net, 2007
Michał Kułach michal.kulach@gmail.com, 2012
Josep Monés i Teixidor <jmones@puntbarra.com>, 2004
Jordi Mallach <jordi@debian.org>, 2010, 2011
Izharul Haq atoz.chevara@yahoo.com, 2016
Frans Pop aragorn@tiscali.nl, 2004, 2006
Frans Pop elendil@planet.nl, 2007
Jeroen Schot schot@a-eskwadraat.nl, 2011
Erik Schanze eriks@debian.org, 2004-2006
Helge Kreutzmann debian@helgefjell.de, 2007, 2011
César Gómez Martín cesar.gomez@gmail.com
Javier Fernández-Sanguino jfs@debian.org, 2006-2011
Claus Hindsgaul claus.hindsgaul@gmail.com, 2004, 2006
Joe Hansen joedalton2@yahoo.dk, 2010, 2011
Christian Perrier bubulle@debian.org, 2006, 2007, 2011
Carlos Lisboa carloslisboa@gmail.com, 2007
Miguel Figueiredo elmig@debianpt.org, 2007-2011
AndrÃ© LuÃ-s Lopes andrelop@debian.org, 2006
Adriano Rafael Gomes adrianorg@gmail.com, 2011

1.1.8.2 Licenses

GPL-2.0+ (50)
MPL-2.0 (86)

1.1.9 ctemplate 2.3

1.1.9.1 Copyrights

Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999,
2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc.

Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001,
2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc.
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1994 X Consortium
Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002,
2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software
Foundation, Inc.
Copyright (C) 1994, 1995, 1996, 1999, 2000, 2001, 2002, 2004, 2005,
2006, 2007 Free Software Foundation, Inc.
Copyright (C) 1996-1996 , 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004,
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008 Free
Software Foundation, Inc.
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007 2008 Free
Software Foundation, Inc.
Copyright (C) 1996, 1997, 1999, 2000, 2002, 2003, 2004, 2005, 2006
Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 2000, 2001, 2003, 2005
Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 2000, 2001, 2003, 2005, 2008
Free Software Foundation, Inc.
Copyright (C) 1997, 1999, 2000, 2001, 2003, 2004, 2005, 2008
Free Software Foundation, Inc.
Copyright (C) 1997, 2000, 2001, 2003, 2004, 2005, 2006, 2008
Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2009,
2010, 2011 Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2008
Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2001, 2003, 2004, 2005, 2008
Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2003, 2004, 2005, 2006, 2007 Free Software
Foundation, Inc.
Copyright (C) 2001, 2002, 2003, 2005, 2008, 2010 Free Software
Foundation, Inc.
Copyright (C) 2001, 2002, 2003, 2005, 2009 Free Software Foundation, Inc.
Copyright (C) 2001, 2003, 2005, 2008, 2011 Free Software Foundation,
Inc.
Copyright (C) 2001, 2003, 2005, 2011 Free Software Foundation, Inc.
Copyright (C) 2002, 2003, 2005, 2006, 2007, 2008, 2011 Free Software
Foundation, Inc.
Copyright (C) 2003, 2004, 2005, 2006, 2011 Free Software Foundation,
Inc.
Copyright (C) 2003-2005 -2012 Free Software Foundation, Inc.
Copyright (C) 2004, 2005, 2007, 2008 Free Software Foundation, Inc.
Copyright (C) 2006, 2008, 2010 Free Software Foundation, Inc.
Copyright (c) 2000-2011 , Google Inc. All rights reserved.
Copyright (c) 2012, Olaf van der Spek <olafvdspek@gmail.com>
All rights reserved.
Copyright 1998-2008 Google Inc.
Copyright 2001 Google Inc. All rights reserved.
Copyright 2011 Google Inc. All Rights Reserved.

1.1.9.2 Licenses

BSD-3-Clause (87)
BSD Notice (88)
Public Domain Notice (89)

1.1.10 dhcpcd 7.2.2

1.1.10.1 Copyrights

Copyright 2005 Colin Percival All rights reserved.
Copyright 1996 David Mazieres <dm@lcs.mit.edu>
Copyright (c) 2006-2019 Roy Marples <roy@marples.name> All rights reserved
Copyright (c) 2015 Joerg Sonnenberger <joerg@NetBSD.org>. All rights reserved.
Copyright (c) 2008, Damien Miller <djm@openbsd.org>
Copyright (c) 1999-2016 The NetBSD Foundation, Inc. All rights reserved.
Copyright (c) 2006-2019 Roy Marples All rights reserved
Copyright (c) 2006-2019 Roy Marples <roy@marples.name>
Copyright (c) 2005 The DragonFly Project. All rights reserved.
Copyright (c) 2003 Citrus Project, All rights reserved.
Copyright (c) 1998, 2015 Todd C. Miller <Todd.Miller@courtesan.com>
Copyright (c) 1990-1993 The Regents of the University of California. All rights reserved.

1.1.10.2 Licenses

BSD-2-Clause (90)
Public-domain (91)
ISC (92)
BSD-2-Clause-NetBSD (93)
BSD-2-Clause-NetBSD (94)
BSD-2-Clause-NetBSD (95)
BSD-3-Clause (96)

1.1.11 dropbear 2020.80

1.1.11.1 Copyrights

copyright Robert de Bath, Joris van Rantwijk, Delian Delchev, Andreas Schultz, Jeroen Massar, Wez Furlong, Nicolas Barry, Justin Bradford, and CORE SDI S.A.
copyright 2003 Matt Johnston
copyright 1997-2003 Simon Tatham.
copyright (c) 2004 Mihnea Stoenescu All rights reserved.
copyright (c) 1998 Todd C. Miller
copyright (c) 1996 Theo de Raadt
copyright (c) 1996 Jason Downs
copyright (C) 2016 Thomas R. Nicely <http://www.trnicely.net>.
Copyright 2012, Samuel Neves <sneves@dei.uc.pt>.
Copyright (c) Matt Johnston All rights reserved.
Copyright (c) 2020 by Vladislav Grishenko All rights reserved.
Copyright (c) 2008 Frederic Moulins All rights reserved.
Copyright (c) 2005 Anil Madhavapeddy. All rights reserved.
Copyright (c) 2004 by Mihnea Stoenescu All rights reserved.
Copyright (c) 2004 Martin Carlsson
Copyright (c) 2002-2003 Nils Nordman. All rights reserved.
Copyright (c) 2002-2020 Matt Johnston
Copyright (c) 2002-2006 Matt Johnston All rights reserved.
Copyright (c) 2002,2003 Matt Johnston

Copyright (c) 2000 Markus Friedl. All rights reserved.
Copyright (c) 2000 Andre Lucas. All rights reserved.
Copyright (c) 1999 Theo de Raadt. All rights reserved.
Copyright (c) 1999 Aaron Campbell. All rights reserved.
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com> All rights reserved.
Copyright (c) 1995,1999 Theo de Raadt. All rights reserved. All rights reserved.
Copyright (c) 1995-1995 Tatu Ylonen <ylo@cs.hut.fi>, Espoo, Finland All rights reserved
Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1990, 1992, 1993, 1995 The Regents of the University of California. All rights reserved.
Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>
Copyright (C) 2000-2003 Damien Miller. All rights reserved.
Copyright (C) 1999 WIDE Project. All rights reserved.
(c) Todd C. Miller
(c) 2004 Mihnea Stoenescu
(c) 2004 Matt Johnston All rights reserved.

1.1.11.2 Acknowledgements

To the extent files may be licensed under CC0-1.0 or OpenSSL or Apache-2.0.
In this context Apache-2.0 has been chosen.
This shall not restrict the freedom of other users to choose either CC0-1.0 or OpenSSL or Apache-2.0 license.

"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

To the extent files may be licensed under public domain or WTFPL 2.0.
In this context WTFPL 2.0 has been chosen.
This shall not restrict the freedom of other users to choose either public domain or WTFPL 2.0 license.

RSA, RC2 and RC4 are registered trademarks of RSA Security Inc. RC5 is a trademark of RSA Security Inc

1.1.11.3 Licenses

MIT (97)
WTFPL (98)
Unlicense (99)
Triple License Notice(CC0, OpenSSL or Apache-2.0) (100)
Public-domain (101)
OpenSSL (102)
Notice (103)
Dual License public domain or WTFPL 2.0 (104)
CC0-1.0 (105)
BSD-3-Clause_Author_variant (106)
BSD-3-Clause (107)
BSD-3-Clause (96)

BSD-2-Clause (108)
Apache-2.0 (109)
Public Domain Notice: (110)
Public Domain Notice: (111)
Public Domain Notice: (112)
Public Domain Notice: (113)
Public Domain Notice: (114)
Public Domain Notice: (115)
Public-domain (91)

1.1.12 e2fsprogs 1.45.6

1.1.12.1 Copyrights

copyright (C) 2007 Cluster File Systems, Inc
Copyright © 2014-2016 Theodore Tso
Copyright © 1996-2014 Free Software Foundation, Inc.
Copyright © 2004 Scott James Remnant <scott@netsplit.com>.
Copyright © 2003, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2014, 2016, 2017, 2018, 2019 Theodore Tso
Copyright Theodore Ts'o, 1996-1999.
Copyright Oracle, 2014 Author Darrick J. Wong <darrick.wong@oracle.com>
Copyright IBM Corporation, 2007 Author Jose R. Santos <jrs@us.ibm.com>
Copyright IBM Corporation, 2007 Author Aneesh Kumar K.V <aneesh.kumar@linux.vnet.ibm.com>
Copyright 2018 Oracle.
Copyright 2017 The Android Open Source Project
Copyright 2015, Google, Inc.
Copyright 2014, Oracle, Inc.
Copyright 2014 by Oracle, Inc.
Copyright 2014 Google Inc. All Rights Reserved.
Copyright 1992-2020 Free Software Foundation, Inc.
Copyright 1997-2008 by Theodore Ts'o. All Rights Reserved.
Copyright 2007, 2008, 2009.
Copyright 1996-2004 by Theodore Ts'o.
Copyright 2000-2001 Andreas Dilger (adilger@turbolinux.com)
Copyright 2000, International Business Machines Corporation and others. All Rights Reserved.
Copyright 2000 Red Hat corp All Rights Reserved
Copyright 1999-2000 Red Hat Software All Rights Reserved
Copyright 1999 by David Beattie
Copyright 1999 Andreas Dilger (adilger@enel.ucalgary.ca)
Copyright 1998-2000, Theodore Ts'o.
Copyright 1998-2000 Red Hat, Inc --- All Rights Reserved
Copyright 1998 by Theodore Ts'o and PowerQuest, Inc. All rights reserved.
Copyright 1998 Carnegie Mellon University
Copyright 1997, 2000, by Theodore Ts'o.
Copyright 1997 Ben Gertzfield.
Copyright 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o.
Copyright 1995, 1996, 1997, 1998, 1999, 2000 by Theodore Ts'o.
Copyright 1995, 1996, 1997, 1998, 1999 by Theodore Ts'o
Copyright 1995, 1996, 1997 by Theodore Ts'o.
Copyright 1993, 1994, 1995 by Theodore Ts'o. All Rights Reserved.
Copyright 1990, 1991, 1992 Free Software Foundation, Inc. Written May 1989 by Mike Haertel.

Copyright 1988, Student Information Processing Board of the Massachusetts Institute of Technology.
Copyright 1988 by the Massachusetts Institute of Technology.
Copyright 1987,1988 Massachusetts Institute of Technology
Copyright 1987, 1988, 1989 by the Massachusetts Institute of Technology";
Copyright 1987, 1988, 1989 by Massachusetts Institute of Technology
Copyright 1987, 1988, 1989 by MIT Student Information Processing Board
Copyright 1987, 1988, 1989 by MIT
Copyright 1987, 1988, 1989 Massachusetts Institute of Technology Student Information Processing Board)
Copyright 1987-1988 by the Student Information Processing Board of the Massachusetts Institute of Technology
Copyright 1987-1988 by MIT Student Information Processing Board.
Copyright 1986, 1987, 1988 by MIT Information Systems
Copyright (c) 2018 Nicholas Clark <nicholas.clark@gmail.com>
Copyright (c) 2018 Collabora Ltd. All rights reserved.
Copyright (c) 2017 Oracle. All Rights Reserved.
Copyright (c) 2014 SGI. All rights reserved.
Copyright (c) 2014 SGI.
Copyright (c) 2014 Google, Inc. SHA512 implementation from libtomcrypt.
Copyright (c) 2012, Intel Corporation. All Rights Reserved.
Copyright (c) 2008 John Darrington <j.darrington@elvis.murdoch.edu.au>
Copyright (c) 2005 Ben Gardner <bgardner@wabtec.com>
Copyright (c) 2003-2007 Theodore Ts'o <tytso@mit.edu>
Copyright (c) 2003-2005 Silicon Graphics, Inc.
Copyright (c) 2003,2004 Cluster File Systems, Inc, info@clusterfs.com Written by Alex Tomas <alex@clusterfs.com>
Copyright (c) 1997-2003 by Theodore Ts'o
Copyright (c) 2002-2003 Theodore Ts'o
Copyright (c) 2001 Daniel Phillips
Copyright (c) 2001 Alcove <http://www.alcove.com/>
Copyright (c) 2000 Silicon Graphics, Inc. All Rights Reserved.
Copyright (c) 1997-2003 Yann Dirson <dirson@debian.org>
Copyright (c) 1997, 1998, 2001 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden). All rights reserved.
Copyright (c) 1997 Mark Habersack
Copyright (c) 1997 Klee Dienes
Copyright (c) 1995-1996 Michael Nonweiler <mrn20@cam.ac.uk>
Copyright (c) 1994-2008 Carnegie Mellon University. All rights reserved.
Copyright (c) 1994 Ulrich Windl
Copyright (c) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 by Theodore Ts'o
Copyright (c) 1988 Regents of the University of California. All rights reserved.
Copyright (c) 1988 Massachusetts Institute of Technology
Copyright (C) Paul `Rusty' Russell 2000
Copyright (C) Jeremy Allison 2000-2006
Copyright (C) Jeremy Allison 2000
Copyright (C) Andries Brouwer
Copyright (C) Andrew Tridgell 2005
Copyright (C) Andrew Tridgell 1999-2005
Copyright (C) Andrew Tridgell 1999-2004
Copyright (C) Andrew Tridgell 1999-2000
Copyright (C) Andrew Esh 2001
Copyright (C) 2018 Oracle. All Rights Reserved.
Copyright (C) 2018 Collabora Ltd.

Copyright (C) 2007-2016 The Android Open Source Project
Copyright (C) 1993-2014 Theodore Ts'o.
Copyright (C) 2014 Robert Yang <liezhi.yang@windriver.com>
Copyright (C) 2014-2014 Oracle.
Copyright (C) 1996-2013 by Theodore Ts'o
Copyright (C) 2012 Zheng Liu <wenqing.lz@taobao.com>
Copyright (C) 1989-2015 Free Software Foundation, Inc.
Copyright (C) 2011 Whamcloud, Inc.
Copyright (C) 2010 Red Hat, Inc., Lukas Czerner <lczerner@redhat.com>
Copyright (C) 2009 Sun Microsystems, Inc.
Copyright (C) 2009 NEC Software Tohoku, Ltd.
Copyright (C) 2008, 2009, 2015, 2018, 2019, 2020 Theodore Tso (msgids)
Copyright (C) 2008 Red Hat, Inc. All rights reserved. Written by Eric Sandeen
<sandeen@redhat.com>
Copyright (C) 1996-2019 Theodore Tso
, 2000-2013 Free Software Foundation, Inc.
Copyright (C) 2006, 2007 by Andreas Dilger <adilger@clusterfs.com>
Copyright (C) 2006 Cluster File Systems, Inc.
Copyright (C) 1999-2006 Theodore Ts'o <tytso@mit.edu>
Copyright (C) 2004, 2013 2014 Theodore Tso
Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>
Copyright (C) 2004 Kay Sievers <kay.sievers@vrfy.org>
Copyright (C) 2001-2005 , 2008-2013 Free Software Foundation, Inc.
Copyright (C) 2003, 2005-2006, 2008-2013 Free Software Foundation, Inc.
Copyright (C) 2003 VMware, Inc.
Copyright (C) 2003 Free Software Foundation, Inc. Written by Bruno Haible <bruno@clisp.org>,
2003.
Copyright (C) 2002, 2007-2008, 2010-2013 Free Software Foundation, Inc.
Copyright (C) 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014,
2015, 2016, 2017, 2018, 2019 Theodore Tso (msgids)
Copyright (C) 2000-2002 Andreas Dilger.
Copyright (C) 2001, 2003 Theodore Y. Ts'o
Copyright (C) 2001 by Andreas Dilger
Copyright (C) 2001 Theodore Ts'o (tytso@mit.edu)
Copyright (C) 2001 Red Hat, Inc.
Copyright (C) 2001 Andreas Gruenbacher, <a.gruenbacher@computer.org>
Copyright (C) 2000-2003 Free Software Foundation, Inc. Written by Ulrich Drepper
<drepper@cygnus.com>, 2000.
Copyright (C) 1997-2004 , 2007-2013 Free Software Foundation, Inc.
Copyright (C) 1997-2004 , 2006, 2008-2013 Free Software Foundation, Inc.
Copyright (C) 2000-2002, 2004, 2008, 2010-2013 Free Software Foundation
Copyright (C) 2000-2001, 2003 Free Software Foundation, Inc. Written by Ulrich Drepper
<drepper@cygnus.com>, 2000.
Copyright (C) 2000, 2001, 2003 Theodore Ts'o
Copyright (C) 2000, 2001, 2002, 2003, 2004 by Theodore Ts'o.
Copyright (C) 2000 Stephen C. Tweedie
Copyright (C) 1996-2007 , 2009-2013 Free Software Foundation, Inc.
Copyright (C) 1999-2000, 2002-2003 Free Software Foundation, Inc.
Copyright (C) 1999, Andreas Dilger and Theodore Ts'o
Copyright (C) 1999-2001 by Andries Brouwer
Copyright (C) 1999, 2000, 2003, 2004 by Theodore Ts'o
Copyright (C) 1999, 2000, 2003 by Theodore Ts'o
Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007 by Theodore Ts'o
Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004 by Theodore Ts'o
Copyright (C) 1999, 2000, 2001, 2002, 2003 Theodore Ts'o

Copyright (C) 1999 Red Hat Software
Copyright (C) 1998 Andrey Shedel (andreys@ns.cr.cyco.com)
Copyright (C) 1997, 1998, 2001, 2003, 2005 by Theodore Ts'o.
Copyright (C) 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 by Theodore Ts'o
Copyright (C) 1997, 1998 by Theodore Ts'o and PowerQuest, Inc.
Copyright (C) 1997 Kaz Kylheku <kaz@ashi.footprints.net>
Copyright (C) 1996-2003, 2005, 2008-2013 Free Software Foundation, Inc.
Copyright (C) 1996-2001,2003 Free Software Foundation, Inc.
Copyright (C) 1995-1999 , 2000-2003 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 1998, 1999 Theodore Ts'o.
Copyright (C) 1996, 1997, 1998 Theodore Ts'o.
Copyright (C) 1995-2003, 2005-2006, 2008-2013 Free Software Foundation
Copyright (C) 1995-2002, 2004-2005, 2008-2013 Free Software Foundation
Copyright (C) 1995-1999, 2000-2004 Free Software Foundation, Inc.
Copyright (C) 1995-1999, 2000-2003 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, 1995.
Copyright (C) 1995-1999, 2000-2003 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1995.
Copyright (C) 1995-1999, 2000-2001, 2003 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@gnu.org>, 1995.
Copyright (C) 1995-1999, 2000-2001, 2003 Free Software Foundation, Inc.
Copyright (C) 1995-1998, 2000-2001, 2003 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1995.
Copyright (C) 1995-1997, 2000-2004 by Ulrich Drepper <drepper@gnu.ai.mit.edu>
Copyright (C) 1995,1996,1997,1998,1999,2000,2008 Theodore Ts'o.
Copyright (C) 1995,1996,1997,1998,1999,2000 Theodore Ts'o.
Copyright (C) 1995, 2000-2003 Software Foundation, Inc.
Copyright (C) 1995, 1997-1998, 2000-2003 Free Software Foundation, Inc.
Copyright (C) 1995, 1997, 2000-2002, 2004 Free Software Foundation, Inc.
Copyright (C) 1995, 1996, 2002 Theodore Ts'o.
Copyright (C) 1995, 1996, 1997, 1998 Free Software Foundation, Inc.
Copyright (C) 1995, 1996, 1997 Theodore Ts'o <tytso@mit.edu>
Copyright (C) 1995 Gadi Oxman. Para>
Copyright (C) 1995 Gadi Oxman
, 1994-2003 Theodore Ts'o.
Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 by Theodore Ts'o.
Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001 Theodore Ts'o.
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001-2013 by Theodore Ts'o
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 by Theodore Ts'o
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 by Theodore Ts'o
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 by Theodore Ts'o <tytso@mit.edu>, 2012. Joe Hansen <joedalto
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o. Theodore Ts'o <tytso@mit.edu>, 2010. Gabor Kelemen <kelemeng at gnome dot h
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 by Theodore Ts'o.
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999 Theodore Ts'o.

Copyright (C) 1993, 1994, 1994, 1995, 1996, 1997 Theodore Ts'o.
Copyright (C) 1993, 1994 Remy Card
Copyright (C) 1993 Remy Card (card@masi.ibp.fr)
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1992, 1993, 1994, 1995 Remy Card
Copyright (C) 1992, 1993, 1994 Remy Card (card@masi.ibp.fr)
Copyright (C) 1992, 1993, 1994 Remy Card <card@masi.ibp.fr>
Copyright (C) 1992, 1993 Remy Card <card@masi.ibp.fr>
Copyright (C) 1991, 1992 Linus Torvalds
Copyright (C) 1989,90,91,92,93,94,96,97 Free Software Foundation, Inc.
Copyright (C) 1986 Richard M. Stallman
Copyright (C) 1985-2005 by the Massachusetts Institute of Technology.
Copyright (C) 1985, 1986, 1988, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.
Copyright (C) 1985, 1986, 1988 Richard M. Stallman
Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002 Free Software Foundation, Inc.
(c) 1997 Yann Dirson
(C) Copyright 2003, 2004, 2008 by Theodore Ts'o.
(C) 2002 David Woodhouse <dwmw2@infradead.org>
(C) 2000 Andreas Gruenbacher, <a.gruenbacher@computer.org>
(C) 1999 Andrea Arcangeli <andrea@suse.de>

1.1.12.2 Acknowledgements

To the extent files may be licensed under GPL-2.0 or later, in this context GPL-2.0 has been chosen.
This shall not restrict the freedom of future contributors to choose GPL-2.0 or later.

1.1.12.3 Licenses

GPL-2.0 (116)
GPL-2.0 (117)
GPL-2.0 (118)
GPL-2.0 (119)
GPL-2.0 (120)
GPL-2.0+-with-bison-exception (121)
Public-domain (62)
MIT-style (66)
MIT-style (122)
MIT-style (123)
BSD-3-Clause (124)
LGPL-2.1+ (12)
IPL-1.0 (125)
LGPL-2.0 (126)
LGPL-2.0 (127)

1.1.13 eeprog 0.7.6

1.1.13.1 Copyrights

Copyright (C) 1995-97 Simon G. Vogl
Copyright (C) 1998-99 Frodo Looijaard <frodol@dds.nl>
Copyright (c) 2003-2004 by Stefano Barbato - All rights reserved.
copyright : (C) by 2003-2004 Stefano Barbato
email : stefano@

1.1.13.2 Licenses

GPL/v2/GPL v2 or later_CCT verified_MassAve (128)
_GPL/V2_or_later/GPL V2 or later Reference 2_cct (129)

1.1.14 eudev 3.2.7

1.1.14.1 Copyrights

© Nespresso S.A.
© Hardware B.V.
© Document Technologies GmbH
Copyright(C) 2007, Hannes Reinecke <hare@suse.de>
Copyright © 2012-2015 Dan Nicholson <dbn.lists@gmail.com>
Copyright © 2004 Scott James Remnant <scott@netsplit.com>.
Copyright 2015 Ronny Chevalier
Copyright 2013-2014 Zbigniew Jędrzejewski-Szmek
Copyright 2014 Michal Schmidt
Copyright 2004-2014 Kay Sievers <kay@vrfy.org>
Copyright 2013 Intel Corporation
Copyright 2008-2014 Lennart Poettering
Copyright 2008-2013 Kay Sievers
Copyright 2009 Johan Dahlin
Copyright 2009 Alan Jenkins <alan-jenkins@tuffmail.co.uk>
Copyright 2008 Alan Jenkins <alan.christopher.jenkins@googlemail.com>
Copyright 2003-2004 Greg Kroah-Hartman <greg@kroah.com>
Copyright 1992-2016 Free Software Foundation, Inc.
Copyright (c) 2012 Josh Triplett <josh@joshtriplett.org>
Copyright (c) 2009 Filippo Argiolas <filippo.argiolas@gmail.com>
Copyright (c) 2005 SUSE Linux Products GmbH, Germany Author: Hannes Reinecke
<hare@suse.de>
Copyright (C) year name of author Gnomovision
Copyright (C) SUSE Linux Products GmbH, 2006
Copyright (C) IBM Corp. 2003
Copyright (C) 2014 Zbigniew Jędrzejewski-Szmek <zbyszek@in.waw.pl>
Copyright (C) 2014 David Herrmann <dh.herrmann@gmail.com>
Copyright (C) 2014 Carlos Garnacho <carlosg@gnome.org>
Copyright (C) 2003-2013 Kay Sievers <kay@vrfy.org>
Copyright (C) 2011 ProFUSION embedded systems
Copyright (C) 2011 Karel Zak <kzak@redhat.com>
Copyright (C) 2010 - Maxim Levitsky
Copyright (C) 2009-2010 David Zeuthen <zeuthen@gmail.com>
Copyright (C) 2009 Scott James Remnant <scott@netsplit.com>
Copyright (C) 2009 Martin Pitt <martin.pitt@ubuntu.com>
Copyright (C) 2009 Lennart Poettering <lennart@poettering.net>
Copyright (C) 2009 Canonical Ltd.
Copyright (C) 2007 Kay Sievers <kay.sievers@vrfy.org>
Copyright (C) 2006 Marco d'Itri <md@Linux.IT>
Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc. Written by
Gary V. Vaughan, 2004
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.
Copyright (C) 1989-2011 -2015 Free Software Foundation, Inc.
Copyright (C) 2004 Leann Ogasawara <ogasawara@osdl.org>
Copyright (C) 2004 David Zeuthen, <david@fubar.dk>
Copyright (C) 2004 Chris Friesen <chris_friesen@sympatico.ca>
Copyright (C) 2003-2004 Greg Kroah-Hartman <greg@kroah.com>

Copyright (C) 2000 Red Hat, Inc.
Copyright (C) 1999 Tom Tromey
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
(C) 2010 Canonical Ltd. Author: Martin Pitt <martin.pitt@ubuntu.com>

1.1.14.2 Licenses

GPL-2.0 (14)
Public Domain Notice: (130)
CC0-1.0 (44)
LGPL-2.1 (79)
MIT (47)
LGPL-2.1+ (131)
GPL-2.0+ (50)

1.1.15 Expat 2.2.8

1.1.15.1 Copyrights

copyright 2010, Patrick Spendrin <ps_ml@gmx.de>
Copyright © 1998-2017 Thai Open Source Software Center, Clark Cooper, and the Expat maintainers
Copyright 2000 Clark Cooper
Copyright 1999,2000 Clark Cooper <coopercc@netheaven.com> All rights reserved.
Copyright 1992-2018 Free Software Foundation, Inc.
Copyright (c) 2018 The Expat Authors.
Copyright (c) 2014 Mike Frysinger <vapier@gentoo.org>
Copyright (c) 2011 Maarten Bosmans <mkbosmans@gmail.com>
Copyright (c) 2008 Guido U. Draheim <guidod@gmx.de>
Copyright (c) 2001-2017 Expat maintainers
Copyright (c) 2000-2019 Expat development team
Copyright (c) 1998-2000 Thai Open Source Software Center Ltd and Clark Cooper
Copyright (c) 1997-2000 Thai Open Source Software Center Ltd
Copyright (C) 2017-2019 Expat development team
Copyright (C) 1994-2018 Free Software Foundation, Inc.
Copyright (C) 2010-2017 Free Software Foundation, Inc. Written by Peter Rosin <peda@lysator.liu.se>.
Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
Copyright (C) 1999-2017 Free Software Foundation, Inc. Written by Tom Tromey <tromey@cygnus.com>.
Copyright (C) 1996-2017 Free Software Foundation, Inc. Originally written by Fran,cois Pinard <pinard@iro.umontreal.ca>, 1996.
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

1.1.15.2 Licenses

MIT (132)
CC0-1.0 (105)

1.1.16 FastCGI 2.4.1

1.1.16.1 Copyrights

Copyright notice
, 2000-2001 Free Software Foundation, Inc.
Copyright © 1996-1996 Open Market, Inc.
Copyright © 1996 Open Market, Inc.
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001
Free Software Foundation, Inc.
Copyright (C) 1996-2000 Free Software Foundation, Inc.
Copyright (c) 1995-1996 Open Market, Inc.
Copyright (c) 1996-1998 Sven Verdoolaege
Copyright (c) 2000 Tux the Linux Penguin
Copyright (c) 2001-2001 Rob Saccoccio and Chelsea Networks
Copyright 1991 by the Massachusetts Institute of Technology
Copyright 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001
Free Software Foundation, Inc.
Copyright 1996, 1997, 1998, 1999, 2000, 2001
Free Software Foundation, Inc.
Copyright 1996, 1997, 1999, 2000 Free Software Foundation, Inc.
Copyright 1999, 2000 Free Software Foundation, Inc.
copyrighted by Open Market, Inc
Authorship notice
Author: Noah Friedman <friedman@prep.ai.mit.edu>
George Feinberg.
Michael Richards.
Michael Shell
Alexandre Oliva <oliva@dcc.unicamp.br>
George Feinberg
Michael Richards
Rob Saccoccio
Sven Verdoolaege <skimo@kotnet.org>
Written by Per Bothner <bothner@cygnus.com>.
Steven G. Johnson <stevenj@alum.mit.edu> and Alejandro Forero Cuervo
bachue@bachue.com
@author Ville Laurikari <vl@iki.fi>
Sven Verdoolaege (skimo@kotnet.org)
ORIGINAL AUTHOR: George Feinberg
REWRITTEN BY: Michael Richards
REWRITTEN AGAIN BY: Michael Shell
REWRITTEN AGAIN BY: Rob Saccoccio
Written by Per Bothner <bothner@cygnus.com>.
From Gerald Hewes <hewes@openmarket.com>
Written by Tom Tromey <tromey@cygnus.com>.
Contributed by Don Bindner <dbindner@truman.edu>

1.1.16.2 Licenses

FastCGI License (133)
Public domain (134)

Permission notice with Disclaimer (135)
Permission notice with Disclaimer 2 (136)
Makefile notice (137)
Open Market Inc. Disclaimer (138)
Global license ref. (139)
BSD 3- Clause style (140)
MIT License (141)
GPL-2.0+ ref. with Autoconf exception (142)
Multiple License: Configure script notice and config.status notice (143)
Multiple License: GPL-2.0+ ref. with Autoconf exception and Warranty notice (144)
Multiple License: Configure script notice and GPL-2.0+ ref. with Autoconf exception and GPL-2.0+ ref. and config.status notice (145)
Multiple License: Permission notice with Disclaimer and GPL-2.0+ ref. with Autoconf exception and GPL-2.0+ ref. (146)

1.1.17 FreeType 2.9.1

1.1.17.1 Copyrights

Copyright © 2004 Scott James Remnant scott@netsplit.com
Copyright 1996-2018 by David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 1996-2018 by David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 2013-2018 by Google, Inc. Stuart Gill and Behdad Esfahbod.
Copyright 2006-2014 Adobe Systems Incorporated.
Copyright 2013 by Google, Inc. Google Behdad Esfahbod.
Copyright 2010-2018 by Joel Klinghed.
Copyright 2010-2018 by Joel Klinghed.
Copyright 2009-2018 by Oran Agra and Mickey Gabel.
Copyright 2008-2018 by David Turner, Robert Wilhelm, Werner Lemberg, and suzuki toshiya.
Copyright 2007-2018 by Rahul Bhalerao rahul.bhalerao@redhat.com, b.rahul.pm@gmail.com
Copyright 2007-2018 by Derek Clegg and Michael Toftdal.
Copyright 2007-2018 by Dereg Clegg and Michael Toftdal.
Copyright 2005-2018 by David Turner.
Copyright 2007 Dmitry Timoshkov for Codeweavers
Copyright 2004-2018 by suzuki toshiya, Masatake YAMATO, Red Hat K.K., David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 2005-2018 by suzuki toshiya, Masatake YAMATO and Red Hat K.K.
Copyright 2005-2018 by Werner Lemberg and Detlef Würkner.
Copyright 2004-2018 by suzuki toshiya, Masatake YAMATO, Red hat K.K., David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 2004-2018 by Masatake YAMATO and Redhat K.K.
Copyright 2004-2018 by David Turner, Robert Wilhelm, Werner Lemberg and George Williams.
Copyright 2004-2018 by Albert Chin-A-Young.
Copyright 2004-2018 by Masatake YAMATO, Redhat K.K, David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 2004-2018 by Masatake YAMATO, Red Hat K.K., David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 2004-2018 by David Turner, Robert Wilhelm, Werner Lemberg, and George Williams.
Copyright 2003-2018 by Masatake YAMATO, Redhat K.K., David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 2003 by Masatake YAMATO and Redhat K.K.
Copyright 2003 Huw D M Davies for Codeweavers
Copyright 2002-2018 by Roberto Alameda.
Copyright 2001-2015 Francesco Zappa Nardelli

Copyright 2001-2004, 2011 Francesco Zappa Nardelli
Copyright 2001, 2012 by David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 2001, 2002, 2012 Francesco Zappa Nardelli
Copyright 2001, 2002, 2006 by Francesco Zappa Nardelli
Copyright 2001, 2002, 2003, 2004 by David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 2001, 2002 Catharon Productions Inc.
Copyright 2000-2010, 2012-2014 by Francesco Zappa Nardelli
Copyright 2000- 2001-2003 by Francesco Zappa Nardelli
Copyright 2000-2006 by Francesco Zappa Nardelli
Copyright 2000, 2001, 2004 by Francesco Zappa Nardelli
Copyright 2000 Computing Research Labs, New Mexico State University
Copyright 1996-2018 by Just van Rossum, David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 1996-2018 by David Turner, Robert Wilhelm, Werner Lemberg and Detlef Würkner.
Copyright 1996-2000, 2002 by David Turner, Robert Wilhelm, and Werner Lemberg.
Copyright 1995-2002 Mark Adler
Copyright 1990, 1994, 1998 The Open Group
Copyright (c) 2012, Intel Corporation
Copyright (c) 2001 Alexander Peslyak
Copyright (C) 2001-2008, 2011, 2013, 2014 by Francesco Zappa Nardelli
Copyright (C) 2001, 2002, 2003-2008 by Francesco Zappa Nardelli
Copyright (C) 2001, 2002 by Francesco Zappa Nardelli
Copyright (C) 2000-2004, 2006-2011, 2013, 2014 by Francesco Zappa Nardelli
Copyright (C) 2000, 2001, 2003, 2008 by Francesco Zappa Nardelli
Copyright (C) 2000, 2001, 2002, 2003, 2006, 2010 by Francesco Zappa Nardelli
Copyright (C) 1995-2002 Mark Adler
Copyright (C) 1995-2002 Jean-loup Gailly.
Copyright (C) 1995-2002 Jean-loup Gailly and Mark Adler

1.1.17.2 Acknowledgements

Portions of this software are copyright © The FreeType Project (www.freetype.org). All rights reserved.

1.1.17.3 Licenses

FTL (147)
GPL-2.0+-with-autoconf-exception (148)
Public-domain (149)
BSD-3-Clause (150)
MIT (97)
Zlib (151)
Zlib (152)

1.1.18 gcc libgcc 8.2.0

1.1.18.1 Copyrights

Copyright (c) 1991 The Regents of the University of California. All rights reserved.
Copyright (C) 2017-2018 Free Software Foundation, Inc. Contributed by Sebastian Perta.
Copyright (C) 2014-2018 Free Software Foundation, Inc. Contributed by John Marino <gnugcc@marino.st>
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by ARM Ltd.
Copyright (C) 1989-2018 Free Software Foundation, Inc.
Copyright (C) 2016-2018 Free Software Foundation, Inc.Contributed by Michael Meissner (meissner@linux.vnet.ibm.com).

Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributor: Joern Rennecke <joern.rennecke@embecosm.com> on behalf of Synopsys Inc.
Copyright (C) 2016-2018 Free Software Foundation, Inc. Contributed by Steven Munroe (munroesj@linux.vnet.ibm.com) Code is based on the main soft-fp library written by: Uros Bizjak (ubizjak@gmail.com).
Copyright (C) 2016-2018 Free Software Foundation, Inc. Contributed by Michael Meissner (meissner@linux.vnet.ibm.com) Code is based on the main soft-fp library written by: Richard Henderson (rth@cygnus.com) and Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 2016-2018 Free Software Foundation, Inc. Contributed by Daniel Santos <daniel.santos@pobox.com>
Copyright (C) 2015-2018 Free Software Foundation, Inc. Contributed by Mentor Graphics.
Copyright (C) 2015-2018 Free Software Foundation, Inc. Contributed by Marcin Kościelnicki <koriakin@0x04.net>.
Copyright (C) 2014-2018 Free Software Foundation, Inc. Contributed by Rong Xu <xur@google.com>.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Red Hat.
Copyright (C) 2013-2018 Free Software Foundation, Inc. Written by David Edelsohn, IBM.
Copyright (C) 2013-2018 Free Software Foundation, Inc. DMULT/DDIV replacement support by Juergen Urban, JuergenUrban@gmx.de.
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by Altera and Mentor Graphics, Inc.
Copyright (C) 2012-2018 Free Software Foundation, Inc. Written by Alan Modra, IBM
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by Sriraman Tallam (tmsriram@google.com)
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by Sean D'Epagnier (sean@depagnier.com) Georg-Johann Lay (avr@gjlay.de)
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by KPIT Cummins Infosystems Limited.
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by Jonah Graham (jgraham@altera.com). Contributed by Mentor Graphics, Inc.
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by Andes Technology Corporation.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Walter Lee (walt@tilera.com)
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Iain Sandoe <iains@gcc.gnu.org>
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Embecosm on behalf of Adapteva, Inc.
Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Bernd Schmidt <bernds@codesourcery.com>
Copyright (C) 2011-2018 Free Software Foundation, Inc. Based on code contributed by CodeSourcery for ARM EABI Linux.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by CodeSourcery, LLC
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by Maciej W. Rozycki <macro@linux-mips.org>.
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by Ian Lance Taylor <iant@google.com>.
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by Alan Modra <amodra@gmail.com>.
Copyright (C) 2007-2009 Free Software Foundation, Inc. <http://fsf.org/>
Copyright (C) 2008-2018 Free Software Foundation, Inc. Written by Nathan Froyd
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by CodeSourcery.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Based on code contributed by CodeSourcery for ARM EABI Linux. Modifications for PA Linux by Helge Deller <deller@gmx.de>

Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@cygnus.com>
Copyright (C) 2007-2018 Free Software Foundation, Inc. Contributed by Pascal Obry <obry@adacore.com>
Copyright (C) 1997-2016 Free Software Foundation, Inc. Contributed by Uros Bizjak (ubizjak@gmail.com).
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Nigel Stephens <nigel@mips.com>
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Bob Wilson (bwilson@tensilica.com) at Tensilica.
Copyright (C) 2006-2016 Free Software Foundation, Inc. Contributed by Joseph Myers (joseph@codesourcery.com).
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Analog Devices.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Paul Brook
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by P.J. Darcy (darcypj@us.ibm.com).
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by Douglas B Rupp <rupp@gnat.com>
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Nicolas Pitre (nico@cam.org)
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Zack Weinberg <zack@codesourcery.com>
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by John David Anglin (dave.anglin@nrc.ca).
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Douglas B. Rupp (rupp@gnat.com).
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldy@quesejoda.com>.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Written By Nick Clifton
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@redhat.com)
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Hans-Peter Nilsson <hp@bitrange.com>
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by David S. Miller (davem@redhat.com)
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@hpl.hp.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Written By Timothy Wall
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Red Hat, Inc.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Jes Sorensen, <Jes.Sorensen@cern.ch>
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by James E. Wilson <wilson@cygnus.com>.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Mumit Khan <khan@xraylith.wisc.edu>. Modified and moved to separate file by Danny Smith dannysmith@users.sourceforge.net>.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Mumit Khan <khan@xraylith.wisc.edu>.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Hartmut Penner (hpenner@de.ibm.com) and Ulrich Weigand (uweigand@de.ibm.com).
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Charles-Antoine Gauthier (charles.gauthier@iit.nrc.ca).

Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Andrew MacLeod <amacleod@cygnus.com> Andrew Haley <aph@cygnus.com>
Copyright (C) 1999-2016 Free Software Foundation, Inc. Contributed by Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Denis Chertykov <chertykov@gmail.com>
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com) and Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Mike Stump <mrs@wrs.com>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Jason Merrill <jason@cygnus.com>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Andrew MacLeod <amacleod@cygnus.com> Andrew Haley <aph@cygnus.com> David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (C) 1997-2017 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz), David S. Miller (davem@redhat.com) and Peter Maydell (pmaydell@chiark.greenend.org.uk).
Copyright (C) 1997-2016 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz) and Peter Maydell (pmaydell@chiark.greenend.org.uk).
Copyright (C) 1996-2018 Free Software Foundation, Inc. Written By Steve Chamberlain
Copyright (C) 1995-2018 Free Software Foundation, Inc. Written By Michael Meissner
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Cygnus Support
Copyright (C) 1995-2018 Free Software Foundation, Inc. Written By Michael Meissner 64-bit support written by David Edelsohn
Copyright (C) 1993-2018 Free Software Foundation, Inc. Written By Fred Fish, Nov 1992
Copyright (C) 1992-2018 Free Software Foundation, Inc. Written By David Vinayak Henkel-Wallace, June 1992
Copyright (C) 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 1991-2018 Free Software Foundation, Inc. Contributed by Ron Guilmette (rfg@segfault.us.com)
Copyright (C) 1991-2018 Free Software Foundation, Inc. Contributed by Ron Guilmette (rfg@monkeys.com).
Copyright (C) 1991 by Pipeline Associates, Inc. All rights reserved.

1.1.18.2 Licenses

GPL-3.0+-with-GCC-exception-3.1 (153)
GCC-exception-3.1 (154)
GPL-3.0+-with-GCC-exception-2.0 (155)
FSFAP (156)
Permission notice (157)
LGPL-2.1+-with-GCC-exception (158)
Public-domain (91)
BSD-3-Clause (159)

1.1.19 gcc-runtime 8.2.0

1.1.19.1 Copyrights

Copyright 2006-2018 Free Software Foundation, Inc.
Copyright (c) 2001, 2002, 2003 Peter Dimov and Multi Media Ltd.
Copyright (c) 1996-1999 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1996,1997 Silicon Graphics

Copyright (c) 1994 Hewlett-Packard Company
Copyright (C) 1994-2018 Free Software Foundation, Inc.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Sebastian Huber <sebastian.huber@embedded-brains.de>.
Copyright (C) 2015-2018 Free Software Foundation, Inc. Contributed by Alexander Monakov <amonakov@ispras.ru>.
Copyright (C) 2015-2018 Free Software Foundation, Inc. Contributed by Jack Howarth <howarth.at.gcc@gmail.com>
Copyright (C) 2015-2018 Free Software Foundation, Inc. Contributed by Dmitry Melnik <dm@ispras.ru>
Copyright (C) 2015-2018 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldyh@redhat.com>.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@redhat.com>.
Copyright (C) 2014-2018 Free Software Foundation, Inc. Contributed by Kai Tietz <ktietz@redhat.com>.
Copyright (C) 2013-2018 Free Software Foundation, Inc. Contributed by Andreas Krebbel <krebbel@linux.vnet.ibm.com>.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Torvald Riegel <triegel@redhat.com>.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Walter Lee (walt@tilera.com)
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Uros Bizjak <ubizjak@gmail.com>
Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by ARM Ltd.
Copyright (C) 2007-2009 Free Software Foundation, Inc. <http://fsf.org/>
Copyright (C) 2007-2018 Free Software Foundation, Inc. Contributed by Danny Smith <dannysmith@users.sourceforge.net>
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Francois-Xavier Coudert <coudert@clipper.ens.fr>
Copyright (C) 2006, 2008, 2010 Free Software Foundation, Inc.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Ilie Garbacea <ilie@mips.com>, Chao-ying Fu <fu@mips.com>.
Copyright (C) 2004, 2005, 2012 Free Software Foundation, Inc.
Copyright (C) 2004 Ami Tavory and Vladimir Dreizin, IBM-HRL.
Copyright (C) 2003, 2004, 2005, 2006, 2011 Free Software Foundation, Inc.
Copyright (C) 2002, 2003, 2005, 2006, 2007, 2008, 2011 Free Software Foundation, Inc.
Copyright (C) 2002 Peter Dimov
Copyright (C) 2001-2018 Free Software Foundation, Inc. Benjamin Kosnik <bkoz@redhat.com>, 2001.
Copyright (C) 2001, 2003, 2005, 2011 Free Software Foundation, Inc.
Copyright (C) 2001, 2003, 2005, 2008, 2011 Free Software Foundation, Inc.
Copyright (C) 2001, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.
Copyright (C) 2001, 2002, 2003, 2005, 2009 Free Software Foundation, Inc.
Copyright (C) 2001, 2002, 2003, 2005, 2008, 2010 Free Software Foundation, Inc.
Copyright (C) 2001, 2002, 2003 Peter Dimov
Copyright (C) 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc. http://fsf.org/
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Vladimir Makarov <vmakarov@cygnus.com>.
Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2008 Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2009, 2010, 2011 Free Software Foundation, Inc.

Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Mark Mitchell (mark@markmitchell.com).
Copyright (C) 1998, 1999 Greg Colvin and Beman Dawes.
Copyright (C) 1997, 2000, 2001, 2003, 2004, 2005, 2006, 2008 Free Software Foundation, Inc.
Copyright (C) 1997, 1999, 2000, 2001, 2003, 2004, 2005, 2008 Free Software Foundation, Inc.
Copyright (C) 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2008, 2011 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 2000, 2001, 2003, 2005, 2008 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.
Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc.
Copyright (C) 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc.
(C) Copyright Jeremy Siek 2000.

1.1.19.2 Licenses

GPL-3.0+-with-GCC-exception-3.1 (153)
GCC-exception-3.1 (154)
Permission Notice(Silicon Graphics Computer Systems, Inc.) (23)
Permission Notice(Ralf Mattethat) (26)
Permission Notice (160)
Permission Notice (161)
BSL-1.0 (19)

1.1.20 glibc 2.28

1.1.20.1 Copyrights

© Free Software Foundation, Inc.
© 2018 Unicode®, Inc.
copyrighted code from UC Berkeley and from Digital Equipment Corporation.
copyrighted by the Regents of the University of California.
copyrighted by UC Berkeley, by Digital Equipment Corporation and by Internet Software Consortium.
copyright(C) by Craig Metz
copyright notices: Update copyright dates using scripts/update-copyrights.
copyright by the University of Cambridge, England.
copyright by CMU
copyright University of Cambridge
copyright Tom Lord
copyright Sun Microsystems, Inc.
copyright Stephen L. Moshier
copyright Henry Spencer
copyright Eric Young
Copyright © Free Software Foundation, Inc.
Copyright © 2018 Free Software Foundation, Inc. Fabio Dorival Victorelli <fabio@conectiva.com.br>, 1998. Márcio Macedo <marciom@conecti]va.com.br>, 1998. Arnaldo Carvalho de Mello <acme@conectiva.com.br>, 1998. Sandro Nunes Henrique <sandro@conectiva.com.br>, 1998. Rodrigo Stulzer Lopes <rodrigo@conectiva.com.br>, 1999. Rafael Fontenelle <rafaelff@gnome.org>, 2018.

Copyright © 2015 Free Software Foundation, Inc. Clytie Siddall <clytie@riverland.net.au>, 2008-2010. Trần Ngọc Quân <vnwildman@gmail.com>, 2012-2014, 2015, 2016, 2017, 2018.
Copyright © 2009 Free Software Foundation, Inc. Lauri Nurmi <lanurmi@iki.fi>, 2002, 2003, 2009. Thanks to: Timo Laine <tila at surfeu.fi> for suggestions
Copyright © 2004, 2008, 2009 Free Software Foundation, Inc. Michel Robitaille <robitail@IRO.UMontreal.CA>, traducteur depuis/since 1996.
Copyright © 2002, 2012 Free Software Foundation, Inc.
Copyright © 1996, 2017 Free Software Foundation, Inc. Karl Eichwalder <ke@suse.de>, 2002. Jochen Hein <jochen@jochen.org>, 1996-2018.
Copyright © 1996, 1998, 2001, 2002, 2003, 2006, 2008, 2009, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 Free Software Foundation, Inc.
Copyright © 1991-2013 Unicode, Inc. All rights reserved.
Copyright 1992-2018 Free Software Foundation, Inc.
Copyright 2001 by Stephen L. Moshier (moshier@na-net.ornl.gov).
Copyright 2001 by Stephen L. Moshier (moshier@na-net.onrl.gov).
Copyright 2001 by Stephen L. Moshier <moshier@na-net.ornl.gov>
Copyright 2001 by Stephen L. Moshier
Copyright 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc. uref{http://fsf.org/}
Copyright 1996 by Craig Metz, All Rights Reserved.
Copyright 1995 by Tom Lord
Copyright 1993--2018 Free Software Foundation, Inc.
Copyright 1992, 1993, 1994, 1997 Henry Spencer. All rights reserved.
Copyright 1991, 1999 Free Software Foundation, Inc.
Copyright 1985, 1986, 1988, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 Free Software Foundation, Inc.
Copyright 1984, 1991 by Stephen L. Moshier Adapted for glibc October, 2001.
Copyright 1984, 1991 by Stephen L. Moshier Adapted for glibc November, 2001
Copyright (c) 2000-2018 Free Software Foundation, Inc.
Copyright (c) 2010-2012 , Oracle America, Inc.
Copyright (c) 2004 by Internet Systems Consortium, Inc.
Copyright (c) 2000-2005 , Intel Corporation All rights reserved.
Copyright (c) 2000, Intel Corporation
Copyright (c) 2000, 2001, Intel Corporation All rights reserved.
Copyright (c) 2000-2003 Intel Corporation All rights reserved.
Copyright (c) 1998-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1998.
Copyright (c) 1998-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@vt.uni-paderborn.de>, 1998.
Copyright (c) 1998-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1998.
Copyright (c) 1997-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@vt.uni-paderborn.de>, 1997.
Copyright (c) 1997-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1997.
Copyright (c) 1997-2003 University of Cambridge
Copyright (c) 1995-1999 by Internet Software Consortium.
Copyright (c) 1995 by International Business Machines, Inc.
Copyright (c) 1993 by Digital Equipment Corporation.
Copyright (c) 1993 Carlos Leandro and Rui Salgueiro Dep. Matematica Universidade de Coimbra, Portugal, Europe
Copyright (c) 1980-1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1991,1990,1989,1988,1987 Carnegie Mellon University All Rights Reserved.
Copyright (c) 1991,1990,1989, 1995 Carnegie Mellon University All Rights Reserved.
Copyright (c) 1991,1990,1989 Carnegie Mellon University All Rights Reserved.

Copyright (c) 1991-1992 Carnegie Mellon University All Rights Reserved.
Copyright (c) 1990, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1990, 1991 Sun Microsystems, Inc.
Copyright (c) 1989 Carnegie Mellon University.
Copyright (c) 1988 Stephen Deering.
, 1986-1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1992, 1993, 2011 The Regents of the University of California. All rights reserved.
Copyright (c) 1982-1990 Regents of the University of California. All rights reserved.
Copyright (C) YEAR Free Software Foundation, Inc.
Copyright (C) 2018 Free Software Foundation.
Copyright (C) 1987-2018 Free Software Foundation, Inc.
Copyright (C) 2017-2018 Free Software Foundation, Inc. Contributed by Rical Jasan <ricaljasan@pacific.net>, 2017.
Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Luis Machado <luisgpm@br.ibm.com>.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Chris Metcalf <cmetcalf@tilera.com>, 2011.
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by Marek Polacek <polacek@redhat.com>, 2012.
Copyright (C) 2014-2018 Free Software Foundation, Inc. Contributed by Aurelien Jarno <aurelien@aurel32.net>, 2014.
Copyright (C) 2014-2018 Free Software Foundation, Inc. Based on gen-unicode-ctype.c by Bruno Haible <haible@clisp.cons.org>, 2000.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999.
Copyright (C) 2013-2018 Free Software Foundation, Inc. Contributed by Mike Frysinger <vapier@gentoo.org>
Copyright (C) 2013-2018 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>, 2013.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>
Copyright (C) 2013, 2014, 2015, 2016 Free Software Foundation, Inc. Primož Peterlin <primozz.peterlin@gmail.com>, 2013, 2014, 2015, 2016.
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by Stanislav Brabec <sbrabec@suse.cz>, 2012.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Nobuhiro Iwamatsu <iwamatsu@nigauri.org>, 2012.
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by Kees Cook <keescook@chromium.org>, 2012.
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by David S. Miller (davem@davemloft.net)
Copyright (C) 2012-2018 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>, 2012.
Copyright (C) 2012 Free Software Foundation, Inc. Nik Kalach <nik.kalach@inbox.ru>, 2012, 2013.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gmain.com>, 2003.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gmail.come>, 2011.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gmail.com>.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gmail.com>, 2011.

Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2011.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Ryan S. Arnold <rsa@us.ibm.com>, 2011.
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by Intel Corporation.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by David Flaherty <flaherty@linux.vnet.ibm.com>.
Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Adhemerval Zanella <azanella@br.ibm.com>, 2011
Copyright (C) 2011-2018 Free Software Foundation, Inc. Code contributed by Dave Gilbert <david.gilbert@linaro.org>
Copyright (C) 2011 Free Software Foundation, Inc. Tung-Han Hsieh <thhsieh@linux.org.tw>, 2000. Yuan-Chung Cheng <platin@ch.ntu.edu.tw>, 2000. Wei-Lun Chao <william.chao@ossii.com.tw>, 2005, 2008, 2011. Wei-Lun Chao <bluebat@member.fsf.org>, 2012, 2013.
Copyright (C) 2010-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@redhat.com>, 2010.
Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Michael Brutman <brutman@us.ibm.com>.
Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Maxim Kuvyrkov <maxim@codesourcery.com>, 2010.
Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2010.
Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@redhat.com>, 2010.
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2009.
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redha.com>, 2009.
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by Paolo Bonzini <pbonzini@redhat.com>, 2009.
Copyright (C) 2009-2018 Free Software Foundation, Inc. Contributed by Maciej W. Rozycki <macro@codesourcery.com>.
Copyright (C) 1991-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@redhat.com>, 2008.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Written by Neal H. Walfield <neal@gnu.org>.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Written by Eric Blake <ebb9@byu.net>, 2008.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2008.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Kazu Hirata <kazu@codesourcery.com>, 2008.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2008.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Helge Deller <deller@gmx.de>, 2008.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>, 2008.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Aurelien Jarno <aurelien@aurel32.net>, 2008.

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Andrew Jenner <andrew@codesourcery.com>, 2008.
Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Andreas Krebbel <Andreas.Krebbel@de.ibm.com>.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2005.
Copyright (C) 2008 Free Software Foundation, Inc. Arif E. Nugroho <arif_endro@yahoo.com>, 2008, 2009.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Uros Bizjak (ubizjak@gmail.com).
Copyright (C) 2007-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 20077.
Copyright (C) 2007-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2007.
Copyright (C) 2007-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@drepper.com>, 2007.
Copyright (C) 2007-2018 Free Software Foundation, Inc. Contributed by Robert Millan <rmh@gnu.org>.
Copyright (C) 2007-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2007.
Copyright (C) 2007, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2006.
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Samuel Thibault <samuel.thibault@ens-lyon.org>, 2006.
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Martin Schwidefsky <schwidefsky@de.ibm.com>, 2006.
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Joseph Myers (joseph@codesourcery.com).
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2006.
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@cygnus.com>, 2006.
Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Alexander Shopov <ash@contact.bg>, 2006.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2005.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@readhat.com>, 20055.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1998.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@redhat.com>, 2005.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Masahide Washizawa <washi@jp.ibm.com>, 2005.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Jiro SEKIBA <sekiba@jp.ibm.com>, 2005.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2005.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>, 2005.
Copyright (C) 2005-2018 Free Software Foundation, Inc. Contributed by Bruno Haible <bruno@clisp.org>, 2005.

Copyright (C) 1992-2018 Free Software Foundation, Inc. Contributed by Alexandre Oliva <aoliva@redhat.com>
Copyright (C) 2005 Free Software Foundation, Inc. Steve Murphy <murf@e-tools.com>, 2005. Steve performed initial rough translation from compendium built from translations provided by the following translators: Philibert Ndandali <ndandali@yahoo.fr>, 2005. Viateur MUGENZI <muvia1@yahoo.fr>,
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2004.
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2004.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz) and David S. Miller (davem@redhat.com).
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@twiddle.net>
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by Matthew Rickard <mjricka@epoch.ncsc.mil>, 2004.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Martin Schwidefsky <schwidefsky@de.ibm.com>.
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2004.
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jaku@redhat.com>, 2004.
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by GOTO Masanori <gotom@debian.or.jp>, 2004
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by David Mosberger-Tang <davidm@hpl.hp.com>.
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@hpl.hp.com>, 2004.
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldyh@redhat.com>, 2004.
Copyright (C) 2004-2018 Free Software Foundation, Inc. Contribute by Ulrich Drepper <drepper@redhat.com>, 2004.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2003.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2002.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com> and Richard Henderson <rth@redhat.com>, 2003.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2003.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@twiddle.net>, 2003.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Petter Reinholdtsen <pere@hungry.com>, 2003 Based on code by Jochen Hein <jochen.hein@delphi.central.de>, 1997.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Petter Reinholdtsen <pere@hungry.com>, 2003
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Paul Mackerras <paulus@au.ibm.com>, 2003.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Paul Brook
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2003.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Carlos O'Donell <carlos@baldric.uwo.ca>, 2005.

Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Bao Duong <bduong@progress.com>, 2003.
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@suse.de>, 2003.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@suse.de>
Copyright (C) 2003-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2003.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2001.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Stepan Kasal <kasal@math.cas.cz>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Roland McGrath <roland@redhat.com>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Randolph Chung
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Martin Schwidefsky (schwidefsky@de.ibm.com).
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Isamu Hasegawa <isamu@yamato.ibm.com>.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Isamu Hasegawa <isamu@yamato.ibm.com>, 2002.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Hartvig Ekner <hartvige@mips.com>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Bruno Haible <bruno@clisp.org>, 2002.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.d>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldyh@redhat.com>, 2002.
Copyright (C) 2002-2018 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldyh@redhat.com>, 2002, 2010.
Copyright (C) 2002, 2003 Free Software Foundation, Inc. Ales Nyakhaychyk <nab@mail.by>, 2002, 2003. Viktar Siarheichyk <vics@eq.by>, 2014, 2016, 2017, 2018.
Copyright (C) 2001-2018 Free Software Foundation, Inc.Contributed by Philip Blundell <philb@gnu.org>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Wolfram Gloger <wg@malloc.de>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Ryan S. Arnold <rsa@us.ibm.com> Sean Curry <spcurry@us.ibm.com>
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@redhat.com>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Philip Blundell <philb@gnu.org>, 2001

Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by NIIBE Yutaka <gniibe@m17n.org>
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Masahide Washizawa <washi@jp.ibm.com>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com> and Ulrich Drepper <drepper@redhat.com>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by David S. Miller (davem@redhat.com)
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by David S. Miller <davem@redhat.com>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Bruno Haible <haible@clisp.cons.org>, 2001.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Bruno Haible <bruno@clisp.org>, 2001, 2005.
Copyright (C) 2001-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2001.
Copyright (C) 2001 Stephen L. Moshier <moshier@na-net.ornl.gov>
Copyright (C) 2000-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@redhat.com>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. EV67 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. EV6 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributes by Ulrich Drepper <drepper@redhat.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Volkmar Sieh <vs@caldera.de> and Andreas Jaeger <aj@suse.de>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 2000.
Copyright (C) 1991-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de> and Andreas Jaeger <aj@suse.de>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Richard Henderson.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@tamu.edu) EV6 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@redhat.com)
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@tamu.edu>, 1996. EV67 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@redhat.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Masahide Washizawa <washi@yamato.ibm.co.jp>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Masahide Washizawa <washi@jp.ibm.com>, 2000.

Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Maciej W. Rozycki <macro@ds2.pg.gda.pl>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Kaz Kylheku <kaz@ashi.footprints.net>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Jes Sorensen <jes@linuxcare.com>, October 2000.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Jes Sorensen <Jes.Sorensen@cern.ch>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Hanno Mueller, kontakt@hanno.de, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Geoffrey Keating <geoffk@geoffk.org>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Denis Joseph Barrow (djbarrow@de.ibm.com).
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Denis Joseph Barrow (djbarrow@de.ibm.com) and Martin Schwidefsky (schwidefsky@de.ibm.com).
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Denis Joseph Barrow <djbarrow@de.ibm.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by David Mosberger (davidm@cs.arizona.edu). EV67 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@hpl.hp.com>
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by David Huggins-Daines (dhd@debian.org)
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by David Huggins-Daines <dhd@debian.org>, 2000
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by David Huggins-Daines <dhd@debian.org>
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Dan Pop for Itanium <Dan.Pop@cern.ch>. Rewritten for McKinley by Sverre Jarp, HP Labs/CERN <Sverre.Jarp@cern.ch>
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Dan Pop <Dan.Pop@cern.ch>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Dan Pop <Dan.Pop@cern.ch> and Jakub Jelinek <jakub@redhat.com>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Carl Pederson & Martin Schwidefsky.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Bruno Haible <haible@ilog.fr>.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Bruno Haible <haible@clisp.cons.org>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@suse.de>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2000.
Copyright (C) 2000-2018 Free Software Foundation, Inc. Contribute by David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (C) 2000, 2002, 2005, 2007-2008, 2011 Free Software Foundation, Inc. Tung-Han Hsieh <thhsieh@linux.org.tw>, 2000. Yuan-Chung Cheng <platin@ch.ntu.edu.tw>, 2000. Wang Li <charles@linux.net.cn>, 2002. Wei-Lun Cha
Copyright (C) 2000, 2001, Intel Corporation All rights reserved.

Copyright (C) 2000 Free Software Foundation, Inc. Robert Brady <rwb197@ecs.soton.ac.uk>, 2000.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Written by Ulrich Drepper, <drepper@cygnus.com>.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Stephane Eranian <eranian@hpl.hp.com> and Jes Sorensen, <Jes.Sorensen@cern.ch>, April 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Jes Sorensen, <Jes.Sorensen@cern.ch>, April 1999. Based on code originally written by David Mosberger-Tang
Copyright (C) 1997-2018 Free Software Foundation, Inc. Written by Jes Sorensen, <Jes.Sorensen@cern.ch>, April 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wmemcmp support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcsrrchr support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcslen support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcscpy support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcscmp support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcschr support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Zack Weinberg <zack@rabi.columbia.edu>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@cygnus.com>, August 1999. Linux/PA-RISC changes by Philipp Rumpf, <prumpf@tux.org>, March 2000.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@cygnus.com>, August 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Sean Chen <seanc@turbolinux.com.cn>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Sean Chen <sean.chen@turbolinux.com>, 1999.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Philip Blundell <philb@gnu.org>.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Philip Blundell <philb@gnu.org>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Kazumoto Kojima <kkojima@rr.iij4u.or.jp> Optimized by Toshiyasu Morita <toshiyasu.morita@hsa.hitachi.com>
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Kazumoto Kojima <kkojima@rr.iij4u.or.jp>

Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Jes Sorensen <Jes.Sorensen@cern.ch>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz>.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> Partly based on double-precision code by Geoffrey Keating <geoffk@ozemail.com.au>
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 1999.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Christian Boissat <Christian.Boissat@cern.ch>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@suse.de> and Jakub Jelinek <jj@ultra.linux.cz>
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@gnu.org>.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 1999 and Jakub Jelinek <jakub@redhat.com>, 2000.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 1999 and Jakub Jelinek <jakub@redhat.com>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@arthur.rhein-neckar.de>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Alexandre Oliva <aoliva@redhat.com> Based on work ../x86_64/readelflib.c, contributed by Andreas Jaeger <aj@suse.de>, 1999 and Jakub Jelinek <jakub@redhat.com>, 1999.
Copyright (C) 1999-2018 Free Software Foundation, Inc. Based on quad-precision tables by Jakub Jelinek <jj@ultra.linux.cz>
Copyright (C) 1999-2018 Free Software Foundation, Inc. Based on quad-precision sine by Jakub Jelinek <jj@ultra.linux.cz>
Copyright (C) 1999-2018 Free Software Foundation, Inc. Based on quad-precision cosine by Jakub Jelinek <jj@ultra.linux.cz>
Copyright (C) 1999-2018 Free Software Foundation, Inc. Based on quad-precision code by Jakub Jelinek <jj@ultra.linux.cz>
Copyright (C) 1999-2018 Free Software Foundation, Inc. Based on i686 version contributed by Ulrich Drepper drepper@cygnus.com>, 1999. Updated with SSE2 support contributed by Intel Corporation.
Copyright (C) 1999, 2010, 2011 Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2002 Free Software Foundation, Inc. Jacobo Tarrio <jtarrio@trasno.net>, 1999, 2000, 2002.
Copyright (C) 1998-2018 Free Software Foundation, Inc. contributed by Jochen Hein <jochen.hein@delphi.central.de>
Copyright (C) 1998-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, 1998.
Copyright (C) 1991-2018 Free Software Foundation, Inc. Written by Per Bothner <bothner@cygnus.com>.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Zack Weinberg <zack@rabi.phys.columbia.edu>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1998, and Bruno Haible <haible@clisp.cons.org>, 2001.

Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1998, and Bruno Haible <bruno@clisp.org>, 2002.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@uni-paderborn.de>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@cygnus.com>, 1998
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Philip Blundell <pb@nexus.co.uk>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Phil Blundell, based on the Alpha version by David Mosberger.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Mark Kettenis <kettenis@phys.uva.nl>, 1998.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by MORIYAMA Masayuki <msyk@mtg.biglobe.ne.jp>, 2003.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Jungshik Shin <jshin@pantheon.yale.edu>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Jungshik Shin <jshin@pantheon.yale.edu> and Ulrich Drepper <drepper@cygnus.com>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Joe Keane <jgk@jgk.org>.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Jochen Hein <jochen.hein@delphi.central.de>.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Jan Vondrak <jvon4518@ss1000.ms.mff.cuni.cz>, Jakub Jelinek <jj@ultra.linux.cz>, and David S. Miller <davem@davemloft.net>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Jan Vondrak <jvon4518@ss1000.ms.mff.cuni.cz> and Jakub Jelinek <jj@ultra.linux.cz>.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> and Jan Vondrak <jvon4518@ss1000.ms.mff.cuni.cz>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Geoffrey Keating <geoffk@ozemail.com.au>
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by C. Scott Ananian <cananian@alumni.princeton.edu>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@issan.informatik.uni-dortmund.de>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger, <aj@arthur.rhein-neckar.de>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@arthur.rhein-neckar.de>, 1998.
Copyright (C) 1998-2018 Free Software Foundation, Inc. Code contributed by Matthew Wilcox <willy@odie.barnet.ac.uk>
Copyright (C) 1998-2001, 2002, 2003, 2004 Free Software Foundation, Inc. Marcel Telka <marcel@telka.sk>, 2002, 2003, 2004. Stanislav Meduna <stano@meduna.org>, 1998-2001.
Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2006, 2007, 2009, 2011, 2012, 2013, 2015 Free Software Foundation, Inc. Ivan Vilata i Balaguer <ivan@selidor.net>, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2006, 2007, 2009, 2011, 2012, 2013, 2014, 2015.
Copyright (C) 1998, 1999, 2000, 2001 Free Software Foundation, Inc. Nikos Mavroyanopoulos <nmav@hellug.gr>, 1999, 2000. Simos Xenitellis <S.Xenitellis@rhbnc.ac.uk>, 1999, 2000, 2001.

Copyright (C) 1998 WIDE Project. All rights reserved.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Written by Miles Bader <miles@gnu.ai.mit.edu>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Linux/IA64 specific sigprocmask Written by Jes Sorensen, <Jes.Sorensen@cern.ch>, April 1999.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Zack Weinberg <zack@rabi.phys.columbia.edu>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 1997. Based on the mtrace.awk script.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997. Modified for Big5-HKSCS by Roger So <spacehunt@e-fever.org>, 2000.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997. Fixed for m68k by Andreas Schwab <schwab@suse.de>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997. Based on the BSD mcount implementation.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997. Based on a proposal by Larry McVoy <lm@sgi.com>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997, Samuel Thibault <samuel.thibault@ens-lyon.org>, 2005.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997 and Jakub Jelinek <jj@ultra.linux.cz, 1999.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997 and Jakub Jelinek <jj@ultra.linux.cz>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997 and Jakub Jelinek <jj@ultra.linux.cz>, 1999.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Tim Waugh <tim@cyberelk.demon.co.uk>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@vt.uni-paderborn.de>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@uni-paderborn.de>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Robert Bihlmeyer <robbe@orcus.priv.at>.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@tamu.edu).
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz), David S. Miller (davem@redhat.com) and Peter Maydell (pmaydell@chiark.greenend.org.uk).
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz) and Peter Maydell (pmaydell@chiark.greenend.org.uk).
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com) and Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@tamu.edu>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <richard@gnu.ai.mit.edu>, 1997.
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Ralf Baechle <ralf@gnu.org>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Philip Blundell <pjb27@cam.ac.uk>, 1997.

Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Philip Blundell <Philip.Blundell@pobox.com>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Miguel de Icaza <miguel@nuclecu.unam.mx>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Miguel de Icaza <miguel@nuclecu.unam.mx> and Jakub Jelinek <jj@ultra.linux.cz>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Miguel de Icaza <miguel@gnu.ai.mit.edu>, January 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Miguel de Icaza <miguel@gnu.ai.mit.edu>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Miguel de Icaza
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Mark Kettenis <kettenis@phys.uva.nl>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Jean-François Bignolles <bignolle@ecoledoc.ibp.fr>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Jason Merrill <jason@cygnus.com>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by H.J. Lu <hjl@gnu.ai.mit.edu>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Geoffrey Keating <Geoff.Keating@anu.edu.au>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Dirk Alboth <dirka@uni-paderborn.de> and Ulrich Drepper <drepper@cygnus.com>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by David Huggins-Daines <dhd@debian.org>, 2000 Based on the m68k version by Andreas Schwab <schwab@suse.de>
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Christian Boissat <Christian.Boissat@cern.ch>, 1999 and Jes Sorensen <Jes.Sorensen@cern.ch>, 2000
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@issan.informatik.uni-dortmund.de>.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de> and Ulrich Drepper <drepper@cygnus.com>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@arthur.rhein-neckar.de>, 1997.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Based on an algorithm by Stephen L. Moshier <moshier@world.std.com>. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997.
Copyright (C) 1997 Free Software Foundation, Inc. Vladimir Michl <Vladimir.Michl@seznam.cz>, 1997. Petr Pisar <petr.pisar@atlas.cz>, 2007, 2009, 2011, 2012, 2013, 2014, 2015. Petr Pisar <petr.pisar@atlas.cz>, 2017, 2018.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, October 1996
Copyright (C) 1996-2018 Free Software Foundation, Inc. Written by Andreas Schwab, <schwab@issan.informatik.uni-dortmund.de>, December 1995.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Extended from original form by Ulrich Drepper <drepper@cygnus.com>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Wolfram Gloger <wg@malloc.de> and Doug Lea <dl@cs.oswego.edu>, 2001.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@gnu.org>.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@gnu.ai.mit.edu>.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 1996.

Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1996.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1995.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1996. Based on code by John C. Bowman <bowman@ipp-garching.mpg.de>. Corrections by H.J. Lu (hjl@gnu.ai.mit.edu), 1997.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com> and Paul Janzen <pcj@primenet.com>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com> and Jochen Hein <Jochen.Hein@informatik.TU-Clausthal.de>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Torbjorn Granlund, <tege@matematik.su.se>
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@vt.uni-paderborn.de>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1996.
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@tamu.edu>.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@tamu.edu>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Ralf Baechle <ralf@linux-mips.org>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Pat Beirne <patb@corelcomputer.com>
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by Olaf Flebbe.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Olaf Flebbe and Ralf Baechle.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Kazumoto Kojima <kkojima@info.kanagawa-u.ac.jp>.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Jochen Hein <jochen.hein@delphi.central.de>, 1997.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Jes Sorensen <jes@linuxcare.com>, July 2000
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Jens Schweikhardt <schweikh@noc.dfn.de>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> and David S. Miller <davem@davemloft.net>.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> and David S. Miller <davem@caip.rutgers.edu>.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by David S. Miller (davem@caip.rutgers.edu) and Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by David S. Miller (davem@caip.rutgers.edu) and Jakub Jelinek (jakub@redhat.com).
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by David S. Miller <davem@caip.rutgers.edu>, Eddie C. Dost <ecd@skynet.be> and Jakub Jelinek <jj@ultra.linux.cz>.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by David S. Miller <davem@caip.rutgers.edu> and Jakub Jelinek <jj@ultra.linux.cz>.
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by David Mosberger (davidm@cs.arizona.edu).
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@cs.arizona.edu>.

Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@azstarnet.com>.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@azstarnet.com>, 1996.
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by David Huggins-Daines <dhd@debian.org>, 2000. Based on the Alpha version by Richard Henderson <rth@tamu.edu>, 1996.
Copyright (C) 1992-2018 Free Software Foundation, Inc. Contributed by Brendan Kehoe (brendan@zen.org).
Copyright (C) 1996-2018 Free Software Foundation, Inc. Contributed by Andreas Schwab (schwab@issan.informatik.uni-dortmund.de)
Copyright (C) 1996, 2000, 2004, 2010, 2011 Free Software Foundation, Inc. GOTO Masanori <gotom@debian.or.jp>, 2000-2004. Yasuaki Taniguchi <yasuakit@gmail.com>, 2010, 2011.
Copyright (C) 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2007, 2008, 2009, 2011, 2013, 2014, 2015 Free Software Foundation, Inc. Bang Jun-Young <bangjy@nownuri.net>, 1996-97. Changwoo Ryu <cwryu@debian.org>, 2000-2004, 2007-2009, 2011, 2013-2015, 2017-2018.
Copyright (C) 1996, 1997, 1998, 2001, 2002, 2003, 2004, 2011, 2013 Free Software Foundation, Inc. Enrique Melero Gómez <melero@eurolands.com>, 1996, 1997. Santiago Vila Doncel <sanvila@unex.es>, 1997, 1998, 2001, 2002, 2003, 2004, 2011, 2013, 2014.
Copyright (C) 1996, 1997, 1998, 1999, 2002, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2017, 2018 Free Software Foundation, Inc. Paweł Krawczyk <kravietz@ceti.pl>, 1996-1999. Jakub Bogusz <qboos@pld-linux.org>, 2002-2018.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@gnu.org>, 1995.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, 1995.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Written by Miles Bader <miles@gnu.org>
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, August 1995.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 1995.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, August 1995.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, August 1995.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1995.
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Miguel de Icaza (miguel@nuclecu.unam.mx)
Copyright (C) 1995-2018 Free Software Foundation, Inc. Contributed by Bernd Schmidt <crux@Pool.Informatik.RWTH-Aachen.DE>, 1997.
Copyright (C) 1995, 1999 by Ralf Baechle
Copyright (C) 1995, 1999 Silicon Graphics
Copyright (C) 1995, 1999 Ralf Baechle
Copyright (C) 1994-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@gnu.ai.mit.edu>, October 1994.
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper (drepper@gnu.ai.mit.edu).
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@ipd.info.uni-karlsruhe.de>. Optimised a little by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org> Some optimisations by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>

Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>. Bug fixes by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>. Adopted for x86-64 by Andreas Jaeger <aj@suse.de>.
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu> Some optimisations by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu> Optimised a little by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu> Bug fixes by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>
Copyright (C) 1991-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>
Copyright (C) 1991-2018 Free Software Foundation, Inc. Contributed by Torbjorn Granlund (tege@sics.se).
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Torbjorn Granlund <tege@matematik.su.se> and Ulrich Drepper <drepper@gnu.org>.
Copyright (C) 1994-2018 Free Software Foundation, Inc. Contributed by Joel Sherrill (jsherril@redstone-emh2.army.mil), On-Line Applications Research Corporation.
Copyright (C) 1994 X Consortium
Copyright (C) 1993-2018 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>. Based on the single byte version by Per Bothner <bothner@cygnus.com>.
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1993.
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by Paul Eggert <eggert@twinsun.com>.
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by David Mosberger (davidm@azstarnet.com).
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@azstarnet.com>, 1995.
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by Brendan Kehoe (brendan@cygnus.com).
Copyright (C) 1993-2018 Free Software Foundation, Inc. Contributed by Brendan Kehoe <brendan@zen.org>, 1993.
Copyright (C) 1993,1991,1990 Carnegie Mellon University All Rights Reserved.
Copyright (C) 1993-2011 by Sun Microsystems, Inc. All rights reserved.
Copyright (C) 1993 by Digital Equipment Corporation.
Copyright (C) 1992-2018 Free Software Foundation, Inc. Written by Mike Haertel, September 1988.
Copyright (C) 1992-2018 Free Software Foundation, Inc. Written by David J. MacKenzie.
Copyright (C) 1992-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@gnu.org>, August 1995.
Copyright (C) 1992-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@gnu.ai.mit.edu>, August 1995. Changed by Kaz Kojima, <kkojima@rr.iij4u.or.jp>.
Copyright (C) 1992-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@gnu.ai.mit.edu>, August 1995. ARM changes by Philip Blundell, <pjb27@cam.ac.uk>, May 1997.
Copyright (C) 1992-2018 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@gnu.ai.mit.edu>, August 1995.
Copyright (C) 1992-2018 Free Software Foundation, Inc. Contributed by Gary Funck (gary@intrepid.com). Derived from the DWARF 1 implementation written by Ron Guilmette (rfg@monkeys.com).
Copyright (C) 1992-2018 Free Software Foundation, Inc. Contributed by David Mosberger.
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

Copyright (C) 1992 Eric Young Collected from libdes and modified for SECURE RPC by Martin Kuck 1994
Copyright (C) 1992 Eric Young
Copyright (C) 1991-2018 Free Software Foundation, Inc. Written by Torbjorn Granlund (tege@sics.se), with help from Dan Sahlin (dan@sics.se); commentary by Jim Blandy (jimb@ai.mit.edu).
Copyright (C) 1991-2018 Free Software Foundation, Inc. Written by Douglas C. Schmidt (schmidt@ics.uci.edu).
Copyright (C) 1991-2018 Free Software Foundation, Inc. Written April 2, 1991 by John Gilmore of Cygnus Support. Based on mcheck.c by Mike Haertel.
Copyright (C) 1991-2018 Free Software Foundation, Inc. Contributed by Torbjorn Granlund (tege@sics.se). Updated for POWER6 by Steven Munroe (sjmunroe@us.ibm.com).
Copyright (C) 1991,1990,1989 Carnegie Mellon University All Rights Reserved.
Copyright (C) 1990-2018 Free Software Foundation, Inc. Written May 1989 by Mike Haertel.
Copyright (C) 1990 The Regents of the University of California. All rights reserved.
, 1989-2018 Free Software Foundation, Inc.
Copyright (C) 1987, Sun Microsystems, Inc.
Copyright (C) 1987 Sun Microsystems, Inc.
Copyright (C) 1982, 1986, 1988 Regents of the University of California. All rights reserved.
Copyright (C) 1982-1991 Regents of the University of California. All rights reserved.
Copyright (C) 18 Free Software Foundation, Inc.
Copyright (C) Free Software Foundation, Inc.
(c) UNIX System Laboratories, Inc.
(C) 2006 Free Software Foundation, Inc.

1.1.20.2 Acknowledgements

Regular expression support is provided by the PCRE library package, which is open source software, written by Philip Hazel, and copyright by the University of Cambridge, England.

ftp://ftp.csx.cam.ac.uk/pub/software/programming/pcre/

The origin of this software must not be misrepresented, either by explicit claim or by omission. Since few users ever read sources, credits must appear in the documentation.

1.1.20.3 Licenses

LGPL-2.1+ (131)
BSD-3-Clause (Intel Corporation) (162)
Unicode-TOU (163)
Permission Notice (SunPro, a Sun Microsystems) (164)
BSD-3-Clause (CARNEGIE MELLON UNIVERSITY) (165)
GPL-2.0+-with-Linking-exception (166)
PCRE LICENCE (167)
FSFAP (168)
BSD-3-Clause (Regents and Contributors) (169)
Spencer-94 (170)
Permission Notice (IBM) (171)
BSD-3-Clause (107)
Digital Equipment Corporation Permission Notice (172)
Free Software Foundation Notice (173)
LGPL-2.1+-with-exception (174)
LGPL-2.1+-with-GCC-exception (158)
Public-domain (91)
Unicode Notice (175)
Permission Notice (176)

Permission Notice (177)
Permission Notice (178)
InnerNet-2.00 (179)
Public-domain (180)
Public-domain (181)
ISC (182)
ISC (183)
BSD-3-Clause (184)
BSD-3-Clause (185)
BSD-3-Clause (186)
BSD-3-Clause (CARNEGIE MELLON UNIVERSITY) (165)
LGPL-2.1 (79)
GPL-2.0 (14)
CMU (187)
LGPL-2.0 (126)
LGPL-2.0 (126)
GPL-2.0+ (50)

1.1.21 iptables 1.6.2

1.1.21.1 Copyrights

Copyright (c) Eychenne <rv@wallfire.org>
Copyright (c) by Martin F. Krafft. PP
Copyright (c) Sebastian Claßen <sebastian.classen [at] freenet.ag>, 2007 Jan Engelhardt <jengelh [at] medozas de>, 2007 - 2010
Copyright (c) Martin F. Krafft <madduck@madduck.net>
Copyright (c) Jan Engelhardt, 2011
Copyright (c) CC Computer Consultants GmbH, 2007 Contact: Jan Engelhardt <jengelh@medozas.de>
Copyright (c) CC Computer Consultants GmbH, 2007 - 2008 Jan Engelhardt <jengelh@computergmbh.de>
Copyright (c) 2012-2015 Dan Nicholson <dbn.lists@gmail.com>
Copyright (c) 2004 Scott James Remnant <scott@netsplit.com>.
Copyright (c) Google, Inc. 2013
Copyright (c) 2006 UfoMechanic Author: azez@ufomechanic.net
Copyright (c) 1989-2016 Free Software Foundation, Inc.
Copyright (c) 2003-2013 Patrick McHardy <kaber@trash.net>
Copyright (c) 2009 Steven G. Johnson <stevenj@alum.mit.edu>
Copyright (c) 2009 Mike Frysinger <vapier@gentoo.org>
Copyright (c) 2009 Matteo Frigo
Copyright (c) 2007 Sven Schnelle <svens@bitebene.org>
Copyright (c) 2003-2005 Evgeniy Polyakov <johnpol@2ka.mxt.ru>
Copyright (c) 2003 Evgeniy Polyakov <zbr@ioremap.net>
Copyright (c) 2000 Marc Boucher
Copyright (c) 2006 USAGI/WIDE Project
Copyright (c) 2010-2014 Free Software Foundation, Inc. Written by Peter Rosin <peda@lysator.liu.se>.
Copyright (c) 2010 Nokia Corporation. All rights reserved.
Copyright (c) 2006 Red Hat, Inc., James Morris <jmorris@redhat.com>
Copyright (c) 2004-2005, 2007-2015 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (c) 2004, 2010 Nokia Corporation Written by Timo Teras <ext-timo.teras@nokia.com>
Copyright (c) 2000, 2003-2011 Jozsef Kadlecsik <kadlec@blackhole.kfki.hu>
Copyright (c) 2002-2008 BalaBit IT Ltd.

Copyright (c) 2002, 2004 MARA Systems AB <http://www.marasystems.com> by Henrik Nordstrom <hno@marasystems.com>
Copyright (c) 2000-2002 Joakim Axelsson <gozem@linux.nu> Patrick Schaaf <bof@bof.de> Martin Josefsson <gandalf@wlug.westbo.se>
Copyright (c) 2000 Emmanuel Roger <winfield@freegates.be>
Copyright (c) 1999 Paul `Rusty' Russell & Michael J. Neuling
Copyright (c) 1994 X Consortium
Copyright (c) Copyright 2003 by Mike Frantzen <frantzen@w4g.org>
Copyright (c) 2000-2003 by Michal Zalewski <lcamtuf@coredump.cx>
Copyright (c) 2009-2014 by Pablo Neira Ayuso <pablo@netfilter.org>
Copyright (c) 2013-2014 by Giuseppe Longo <giuseppelng@gmail.com>
Copyright (c) 2013 by Tomasz Bursztyka <tomasz.bursztyka@linux.intel.com>
Copyright (c) 2012 by Hans Schillstrom <hans.schillstrom@ericsson.com>
Copyright (c) 2011 by Intra2Net AG <http://www.intra2net.com>
Copyright (c) 2010-2011, Red Hat, Inc.
Copyright (c) 2010-2011 Thomas Graf <tgraf@redhat.com>
Copyright (c) 2010 Red Hat Inc Author: Michael S. Tsirkin <mst@redhat.com>
Copyright (c) 2008 Adam Nielsen <a.nielsen@shikadi.net>
Copyright (c) 2000-2005 by Harald Welte <laforge@netfilter.org>
Copyright (c) 2004, Bart De Schuymer <bdschuym@pandora.be>
Copyright (c) 2000-2003 by Harald Welte <laforge@gnumonks.org>
Copyright (c) 2002 by Don Cohen <don-netf@isis.cs3-inc.com>
Copyright (c) 2001 Marc Boucher (marc@mbsi.ca).
Copyright (c) 2000-2006 by the Netfilter Core Team <coreteam@netfilter.org>
Copyright (c) 2000-2002 by the netfilter coreteam <coreteam@netfilter.org>: Paul 'Rusty' Russell <rusty@rustcorp.com.au> Marc Boucher <marc+nf@mbsi.ca> James Morris <jmorris@intercode.com.au> Harald Welte <laforge@gnumonks.org> Jozsef Kadlecsik <kadlec@blackhole.kfki.hu>
Copyright (c) 2000- 2002 by Matthew G. Marsh <mgm@paktronix.com>, Harald Welte <laforge@gnumonks.org>
Copyright (c) 2000 by Matthew G. Marsh <mgm@paktronix.com>
Copyright (c) 2000 James Morris
Copyright (c) 1999 by Paul 'Rusty' Russell <rusty@rustcorp.com.au>
Copyright (c) 1999 Paul

1.1.21.2 Licenses

GPL-2.0 (14)
ISC (92)
Artistic-2.0 (188)
GPL-2.0+ (50)

1.1.22 JSONCPP 1.8.4

1.1.22.1 Copyrights

Copyright 2007-2011 Baptiste Lepilleur and The JsonCpp Authors Distributed under MIT license, or public domain if desired and recognized in your jurisdiction. See file LICENSE for detail or copy at http://jsoncpp.sourceforge.net/LICENSE
Copyright (C) 2016 InfoTeCS JSC. All rights reserved. Distributed under MIT license, or public domain if desired and recognized in your jurisdiction. See file LICENSE for detail or copy at http://jsoncpp.sourceforge.net/LICENSE

1.1.22.2 Licenses

MIT (189)

MIT (189)

1.1.23 kmod 25

1.1.23.1 Copyrights

copyrighted by the Free Software Foundation
Copyright © 2007-2010 Josh Triplett <josh@joshtriplett.org>
Copyright Jon Masters, and others.
Copyright 2014, Marco d'Itri. Maintained by Lucas De Marchi and others.
Copyright 2010 Ran Benita
Copyright 2010 Lennart Poettering
Copyright 2006-2010, Jon Masters, Red Hat, Inc.
Copyright 2002-2004 , Rusty Russell, IBM Corporation. Maintained by Jon Masters and others.
Copyright 2002, Rusty Russell
Copyright (c) 2012-2015 Lucas De Marchi <lucas.de.marchi@gmail.com>
Copyright (c) 2006-2008 xine project
Copyright (c) 2006-2008 Diego Pettenò <flameeyes@gmail.com>
Copyright (C) 2013-2016 Intel Corporation. All rights reserved.
Copyright (C) 2013 Tom Gundersen <teg@jklm.no>
Copyright (C) 2013 Michal Marek, SUSE
Copyright (C) 2011-2013 ProFUSION embedded systems
Copyright (C) 2012-2013 Lucas De Marchi <lucas.de.marchi@gmail.com>
Copyright (C) 2012 W. Trevor King <wking@tremily.us>
Copyright (C) 2012 Red Hat, Inc. W. Trevor King <wking@tremily.us>
Copyright (C) 2012 Pedro Pedruzzi
Copyright (C) 2008 Alan Jenkins <alan-jenkins@tuffmail.co.uk>.
Copyright (C) 2004-2012 Kay Sievers <kay@vrfy.org>
Copyright (C) 1989-1999 Free Software Foundation, Inc.

1.1.23.2 Licenses

LGPL-2.1+ (131)
LGPL-2.1 (79)
GPL-2.0 (14)
GPL-2.0+ (50)

1.1.24 libcap 2.25

1.1.24.1 Copyrights

Copyright notice
Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Copyright (C) 1997 Aleph One
Copyright (C) 1997-8,2008 Andrew G. Morgan <morgan@kernel.org>
Copyright (C) 2010 Serge Hallyn <serue@us.ibm.com>
Copyright (c) 1997 Andrew G Morgan <morgan@kernel.org>
Copyright (c) 1997 Andrew Main <zefram@dcs.warwick.ac.uk>
Copyright (c) 1997-2008 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1997,2007,2016 Andrew G Morgan <morgan@kernel.org>
Copyright (c) 1997-2007 -8 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1997-8 Andrew G Morgan <morgan@kernel.org>
Copyright (c) 1997-8,2007 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1997-8,2007,2011 Andrew G Morgan <morgan@kernel.org>
Copyright (c) 1997-8,2007-8 Andrew G Morgan <morgan@kernel.org>

Copyright (c) 1997-8,2008 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1998 Finn Arne Gangstad <finnag@guardian.no>
Copyright (c) 2008-11 Andrew G. Morgan <morgan@kernel.org>
Authorship notice
chris friedhoff - chris@friedhoff.org
Andrew Main <zefram@dcs.warwick.ac.uk>
Andrew G. Morgan <morgan@kernel.org>
Finn Arne Gangstad <finnag@guardian.no>

1.1.24.2 Acknowledgements

In this context the BSD-3-Clause license has been chosen.

1.1.24.3 Licenses

Dual License: BSD-3-Clause Style 1 OR GPL-2.0 (190)
Dual License: BSD-3-Clause Style 2 OR LGPL-2.0 ref. (191)

1.1.25 libjpeg-turbo 2.0.4

1.1.25.1 Copyrights

copyright ACM and IEEE
copyright (C) 1991-2016, Thomas G. Lane, Guido Vollbeding. All Rights Reserved
Copyright 2016 Roger Leigh
Copyright 2016 Dmitry Marakasov
Copyright 2016 D. R. Commander
Copyright 2015 Alex Turbov
Copyright 2014 Rolf Eike Beer
Copyright 2014 Daniele E. Domenichelli
Copyright 2013 Dimitri John Ledkov
Copyright 2011, 2013-2015 Kitware, Inc.
Copyright 2011 Nikita Krupen'ko
Copyright 2011 Eric NOULARD
Copyright 2011 Alex Neundorf
Copyright 2009-2012 Pierre Ossman <ossman@cendio.se>
Copyright (c) 1998-2011 Marti Maria Saguer
Copyright (c) 1996-1997 by Agner Fog.
Copyright (C) 2011-2018 , D. R. Commander. All Rights Reserved.
Copyright (C) 2009-2019 D. R. Commander. All Rights Reserved.
Copyright (C)2015 Viktor Szathmáry. All Rights Reserved.
Copyright (C)2011- 2013-2018 D. R. Commander. All Rights Reserved.
Copyright (C)2011-2013, 2017-2018 D. R. Commander. All Rights Reserved.
Copyright (C)2011-2012, 2014-2015, 2017-2018 D. R. Commander. All Rights Reserved.
Copyright (C)2011-2012, 2014-2015, 2017, 2019 D. R. Commander. All Rights Reserved.
Copyright (C)2011, 2013-2015 D. R. Commander. All Rights Reserved.
Copyright (C)2011, 2013, 2018 D. R. Commander. All Rights Reserved.
Copyright (C)2009-2015, 2017 D. R. Commander. All Rights Reserved.
Copyright (C)2009-2014, 2017-2019 D. R. Commander. All Rights Reserved.
Copyright (C)2009-2014, 2016-2018 D. R. Commander. All Rights Reserved.
Copyright (C)2009-2011, 2013, 2016 D. R. Commander. All Rights Reserved.
Copyright (C) 2018, Matthieu Darbois. All Rights Reserved.
Copyright (C) 2015-2018 , Matthieu Darbois.
Copyright (C) 2009-2019 , D. R. Commander.
Copyright (C) 2016-2018 , Loongson Technology Corporation Limited, BeiJing. All Rights Reserved.

Copyright (C) 2016-2017, Loongson Technology Corporation Limited, BeiJing.
Copyright (C) 2014-2016 , Siarhei Siamashka. All Rights Reserved.
Copyright (C) 2015-2016, 2018, Matthieu Darbois. All Rights Reserved.
Copyright (C) 2015-2016, 2018, Matthieu Darbois.
Copyright (C) 2009-2016 , 2018, D. R. Commander.
Copyright (C) 2015-2016, 2018 Matthieu Darbois
Copyright (C) 2015, Intel Corporation.
Copyright (C) 2015, Google, Inc.
, 2011-2919 , D. R. Commander.
Copyright (C) 2015 Intel Corporation
Copyright (C) 2015 Google, Inc.
Copyright (C) 2014-2015, 2018, D. R. Commander. All Rights Reserved.
Copyright (C) 2014-2015, 2017, 2019, D. R. Commander.
Copyright (C) 2013-2014 , Linaro Limited.
Copyright (C) 2014, Jay Foad. All Rights Reserved.
Copyright (C) 2013-2014, MIPS Technologies, Inc., California. All Rights Reserved.
Copyright (C) 2013-2014 , MIPS Technologies, Inc., California.
Copyright (C) 2013-2014 , Linaro Limited. All Rights Reserved.
Copyright (C) 2013-2014 MIPS Technologies, Inc.
Copyright (C) 2013 Linaro Limited
Copyright (C) 2011-2016 Siarhei Siamashka
Copyright (C) 2011, Nokia Corporation and/or its subsidiary(-ies).
, 2014-2016 , 2018, D. R. Commander.
Copyright (C) 2010-2011, 2015-2016, D. R. Commander.
Copyright (C) 2010-2011, 2013-2017, D. R. Commander.
Copyright (C) 2010, 2013-2014, 2017, D. R. Commander.
Copyright (C) 2009-2018 D. R. Commander
Copyright (C) 2009- 2011-2016 , D. R. Commander.
Copyright (C) 2009-2011, Nokia Corporation and/or its subsidiary(-ies). All Rights Reserved.
Copyright (C) 2009-2011, 2016, 2018, D. R. Commander.
Copyright (C) 2009-2011, 2014-2017, D. R. Commander.
Copyright (C) 2009-2011, 2014-2016, D. R. Commander.
Copyright (C) 2009-2011, 2014-2016, 2018, D. R. Commander.
Copyright (C) 2009-2011, 2014, 2016, 2018, D. R. Commander.
Copyright (C) 2009-2011, 2013-2014, 2016-2017, D. R. Commander.
Copyright (C) 2009-2011, 2013-2014, 2016, 2018, D. R. Commander.
Copyright (C) 2009-2011 Nokia Corporation and/or its subsidiary(-ies)
Copyright (C) 2009, 2011-2012, 2014-2015, D. R. Commander.
Copyright (C) 2009 by Dimitri van Heesch.
Copyright (C) 2009 Pierre Ossman for Cendio AB
Copyright (C) 2003-2008 Greg Valure
Copyright (C) 1999-2006, MIYASAKA Masaru.
Copyright (C) 1999-2006 MIYASAKA Masaru
Copyright (C) 1991-2013 , Thomas G. Lane, Guido Vollbeding.
Copyright (C) 1997-1998, Thomas G. Lane, Todd Newman.
Copyright (C) 1991-1998 , Thomas G. Lane.
Copyright (C) 1991-2018 The libjpeg-turbo Project and many others
Copyright (C) 1991-2016 Thomas G. Lane, Guido Vollbeding
Copyright (C) 1991-1998, Thomas G. Lane. Modified 2003-2011 by Guido Vollbeding.
Copyright (C) 1991-1998 , Thomas G. Lane. Modified 2003-2010 by Guido Vollbeding.
Copyright (C) 1991-1998, Thomas G. Lane. Modified 2003-2008 by Guido Vollbeding.
Copyright (C) 1991-1998 , Thomas G. Lane. Modified 2002-2009 by Guido Vollbeding.
Copyright (C) 1991-1998, Thomas G. Lane. Modification developed 2002-2009 by Guido Vollbeding.
Copyright (C) 1991-1997, Thomas G. Lane. Modified 2013 by Guido Vollbeding.

Copyright (C) 1991-1997, Thomas G. Lane. Modified 2011 by Guido Vollbeding.
Copyright (C) 1991-1997, Thomas G. Lane. Modified 2009 by Bill Allombert, Guido Vollbeding.
Copyright (C) 1988-1989 by Jef Poskanzer.

1.1.25.2 Acknowledgements

If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of
the Independent JPEG Group".

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of
CompuServe Incorporated."

"derived from the RSA Data
Security, Inc. MD5 Message-Digest Algorithm"

1.1.25.3 Licenses

Zlib (48)
BSD-3-Clause (192)
IJG (193)
Notice (194)
Public Domain Notice: (195)
Permission Notice (196)
Beerware (197)

1.1.26 libmnl 1.0.4

1.1.26.1 Copyrights

Copyright 1992-2014 Free Software Foundation, Inc.
Copyright (C) 1991-2014 Free Software Foundation, Inc.
, 2007-2011 Free Software Foundation, Inc.
Copyright (C) 2004, 2005, 2007, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
(C) 2008-2012 by Pablo Neira Ayuso <pablo@netfilter.org>

1.1.26.2 Licenses

LGPL-2.1+ (131)

1.1.27 Libmodbus 3.1.6

1.1.27.1 Copyrights

Copyright © 2001-2014 Stéphane Raimbault <stephane.raimbault@gmail.com>
Copyright 1992-2014 Free Software Foundation, Inc.
Copyright (C) 1991-2015 Free Software Foundation, Inc.

Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
Copyright (C) 1999-2014 Free Software Foundation, Inc. Written by Tom Tromey <tromey@cygnus.com>.
Copyright (C) 1996-2014 Free Software Foundation, Inc. Originally written by Fran,cois Pinard <pinard@iro.umontreal.ca>, 1996.
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

1.1.27.2 Licenses

LGPL-2.1+ (131)
CC-BY-SA-3.0 (198)

1.1.28 libsodium 1.0.18

1.1.28.1 Copyrights

copyright (c) 2013-2019, Frank Denis
Copyright 2012-2013 Alexander Peslyak All rights reserved.
Copyright 2009 Colin Percival
Copyright 2005,2007,2009 Colin Percival All rights reserved.
Copyright (c) 2015 Thomas Pornin
Copyright (c) 2015 Enrico M. Crisostomo <enrico.m.crisostomo@gmail.com>
Copyright (c) 2014, 2015, 2016 Philip Withnall <philip.withnall@collabora.co.uk>
Copyright (c) 2013-2019 The libsodium authors.
Copyright (c) 2013-2019 Frank Denis <j at pureftpd dot org>
Copyright (c) 2011 Maarten Bosmans <mkbosmans@gmail.com>
Copyright (c) 2011 Daniel Richard G. <skunk@iSKUNK.ORG>
Copyright (c) 2010 Diego Elio Petteno <flameeyes@gmail.com>
Copyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>
Copyright (c) 2008 John Darrington <j.darrington@elvis.murdoch.edu.au>
Copyright (c) 2008 Guido U. Draheim <guidod@gmx.de>
Copyright (c) 2008 Alan Woodland <ajw05@aber.ac.uk>
Copyright (C) 2008-2013 Free Software Foundation, Inc.
Copyright 2013-2019 Frank Denis

1.1.28.2 Acknowledgements

To the extent files may be licensed under CC0,OpenSSL or Apache-2.0, in this context CC0 has been chosen.
This shall not restrict the freedom of other users to choose either CC0 , OpenSSL or Apache-2.0 license.

To the extent files may be licensed under MIT/X11, in this context MIT has been chosen.
This shall not restrict the freedom of other users to choose either MIT/X11 license.

1.1.28.3 Licenses

ISC (199)
Triple License Notice(CC0, OpenSSL or Apache-2.0) (100)

Dual License :MIT/X11 (200)
Permission Notice (201)
Public-domain (91)
CC0-1.0 (44)
MIT (47)
OpenSSL (102)
BSD-2-Clause (90)
X11 (202)
Apache-2.0 (49)

1.1.29 libubootenv 0.3.1

1.1.29.1 Copyrights

(C) Copyright 2019 Stefano Babic, DENX Software Engineering, sbabic@denx.de.

1.1.29.2 Licenses

LGPL-2.1+ (131)
LGPL-2.1+ (12)

1.1.30 libusb 1.0.22

1.1.30.1 Copyrights

Copyright © 2013-2018 Chris Dickens <christopher.a.dickens@gmail.com>
Copyright © 2014 Red Hat, Inc.
Copyright © 2014 Akshay Jaggi <akshay1994.leo@gmail.com>
Copyright © 2011-2013 RealVNC Ltd.
Copyright © 2013 Federico Manzan (f.manzan@gmail.com)
Copyright © 2012-2013 Toby Gray <toby.gray@realvnc.com>
Copyright © 2012-2013 RealVNC Ltd. <toby.gray@realvnc.com>
Copyright © 2010-2013 Peter Stuge <peter@stuge.se>
Copyright © 2012-2016 Nathan Hjelm <hjelmn@mac.com>
Copyright © 2012-2013 Nathan Hjelm <hjelmn@cs.unm.edu>
Copyright © 2011-2013 Martin Pieuchot <mpi@openbsd.org>
Copyright © 2011-2013 Hans de Goede <hdegoede@redhat.com>
Copyright © 2012 Pete Batard (pete@akeo.ie)
Copyright © 2011 Vitali Lovich <vlovich@aliph.com>
Copyright © 2010-2012 Michael Plante <michael.plante@gmail.com>
Copyright © 2009-2013 Pete Batard <pete@akeo.ie>
Copyright © 2009-2013 Ludovic Rousseau <ludovic.rousseau@gmail.com>
Copyright © 2009-2010 Pete Batard <pbatard@gmail.com>
Copyright © 2008-2017 Nathan Hjelm <hjelmn@users.sourceforge.net>
Copyright © 2008 Roger Williams (rawqux@users.sourceforge.net)
Copyright © 2007-2009 Daniel Drake <dsd@gentoo.org>
Copyright © 2001-2002 David Brownell (dbrownell@users.sourceforge.net)
Copyright © 2001 Stephen Williams (steve@icarus.com)
Copyright © 2001 Johannes Erdfelt <johannes@erdfelt.com>
Copyright 2006-2008 , Haiku Inc. All rights reserved.
Copyright 1992-2015 Free Software Foundation, Inc.
Copyright (c) 2016, Oracle and/or its affiliates.
Copyright (c) 2016 Chris Dickens <christopher.a.dickens@gmail.com>
Copyright (c) 2013 Nathan Hjelm <hjelmn@mac.ccom>
Copyright (c) 2012-2013 Nathan Hjelm <hjelmn@mac.com>
Copyright (c) 2001 Johannes Erdfelt <johannes@erdfelt.com>

Copyright (C) 2012 Harald Welte <laforge@gnumonks.org>
Copyright (C) 1991-2015 Free Software Foundation, Inc.
Copyright (C) 2007-2009 Daniel Drake <dsd@gentoo.org>
Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
Copyright (C) 1999-2014 Free Software Foundation, Inc. Written by Tom Tromey <tromey@cygnus.com>.
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1994-1996, 1999-2002, 2004-2013 Free Software Foundation, Inc.
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1989-1994, 1996-1999, 2001 Free Software Foundation, Inc.
Copyright (C) 1987,88,89,90,91,92,93,94,96,97,98 Free Software Foundation, Inc.
Copyright (C) 1987,88,89,90,91,92,93,94,95,96,98,99,2000,2001 Free Software Foundation, Inc.

1.1.30.2 Licenses

LGPL-2.1+ (131)
Public Domain Notice: (203)
Public Domain with Disclaimer (204)
MIT (47)

1.1.31 libxcrypt 4.1.1

1.1.31.1 Copyrights

copyright 1992-2017 Free Software Foundation.
Copyright Zack Weinberg and Free Software Foundation, Inc
Copyright Zack Weinberg
Copyright Thorsten Kukuk, Björn Esser, Zack Weinberg
Copyright Sun Microsystems, Inc.
Copyright Michael Bretterklieber, Björn Esser et al
Copyright Juniper Networks, Inc.
Copyright Free Software Foundation, Inc.
Copyright David Burren et al.
Copyright Björn Esser
Copyright 2018 Zack Weinberg
Copyright 2017 Zack Weinberg <zackw at panix.com>.
Copyright 2015 Björn Esser
Copyright 2007-2017 Thorsten Kukuk and Zack Weinberg
Copyright 2005, 2008, 2009 2011 SUSE LINUX Products GmbH, Germany
Copyright 2002, 2003, 2004 SuSE Linux AG, Germany
Copyright 2000-2011 Solar Designer, 2017 Zack Weinberg
Copyright (c) 2018 Zack Weinberg. All rights reserved.
Copyright (c) 2017, Björn Esser <besser82@fedoraproject.org> All rights reserved.
Copyright (c) 2017 Zack Weinberg
Copyright (c) 2017 Björn Esser <besser82@fedoraproject.org> All rights reserved.
Copyright (c) 2004, Juniper Networks, Inc. All rights reserved.
Copyright (c) 2003 Michael Bretterklieber All rights reserved.
Copyright (c) 2002, 2007 SuSE Linux AG, Germany

Copyright (c) 1998-2014 Solar Designer
Copyright (c) 1994 David Burren All rights reserved.
Copyright (C) 1991-2018 Free Software Foundation, Inc.
Copyright (C) 2007-2017 Thorsten Kukuk
Copyright (C) 1991, 1999 Free Software Foundation, Inc.

1.1.31.2 Acknowledgements

This is an implementation of the RSA Data Security, Inc.
MD4 Message-Digest Algorithm.

1.1.31.3 Licenses

LGPL-2.1+ (131)
Public Domain Notice: (205)
Public Domain Notice: (206)
Public Domain Notice: (207)
Public Domain Notice: (208)
Public Domain Notice: (209)
Public Domain Notice: (210)
Public Domain Notice: (211)
Public-domain (91)
CC0-1.0 (44)
BSD-3-Clause (212)
BSD-3-Clause (213)
BSD-3-Clause (76)
LGPL-2.1 (79)
BSD-2-Clause (90)
BSD-2-Clause (214)

1.1.32 lz4 1.9.2

1.1.32.1 Copyrights

Copyright: (C) 2011+ Yann Collet
Copyright : Takayuki Matsuoka
Copyright : Kyle Harper
Copyright (c) 2018-present lzutao <taolzu(at)gmail.com> All rights reserved.
Copyright (c) 2016-present, Przemyslaw Skibinski All rights reserved.
Copyright (c) 2016-present, Facebook, Inc. All rights reserved.
Copyright (c) 2014, lpsantil All rights reserved.
Copyright (c) 2013-2015 Yann Collet
Copyright (c) 2011-2016, Yann Collet All rights reserved.
Copyright (C) Yann Collet 2016
Copyright (C) Yann Collet 2011-2012 -2016
Copyright (C) Yann Collet 2011-2017
Copyright (C) 2016-present, Przemyslaw Skibinski, Yann Collet
Copyright (C) 2011-2017 , Yann Collet
Copyright (C) 2011-present, Yann Collet.
Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.1.32.2 Acknowledgements

In this context the BSD-2-Clause license has been chosen.

1.1.32.3 Licenses

BSD-2-Clause (215)

BSD-2-Clause (215)
BSD-2-Clause (216)
BSD-2-Clause (217)
Dual License - GPL-2.0 and BSD-2-Clause (218)
GPL-2.0+ (50)
GPL-2.0+ (50)

1.1.33 mmc-utils v0.1_2cb6695e8dec00d887bdd5309d1b57d836fcd214.

1.1.33.1 Copyrights

Copyright (c) 2016 SanDisk Corp.
Copyright (c) 2006, 2008 Junio C Hamano
Copyright (C) ST-Ericsson SA 2010-2011 Author: Sebastian Rasmussen <sebastian.rasmussen@stericsson.com>
Copyright (C) 2005-2007 Olivier Gay <olivier.gay@a3.epfl.ch> All rights reserved.

1.1.33.2 Licenses

GPL-2.0 (14)
BSD-3-Clause (107)
BSD-3-Clause(ST-Ericsson SA) (219)

1.1.34 modutils-initscripts 1.0

1.1.34.1 Licenses

Public-domain (220)

1.1.35 Mustache (C++) 3.2.1

1.1.35.1 Copyrights

Copyright 2015-2018 Kevin Wojniak
Copyright (c) 2012 Two Blue Cubes Ltd. All rights reserved.

1.1.35.2 Licenses

BSL-1.0 (221)

1.1.36 netbase 5.4

1.1.36.1 Copyrights

Copyright 1994-2010 Peter Tobias, Anthony Towns and Marco d'Itri

1.1.36.2 Licenses

GPL-2.0+ (50)

1.1.37 net-snmp 5.8

1.1.37.1 Copyrights

Copyright year update for NAI and Cambridge
Copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).
copyright (c) 2001-2003, Cambridge Broadband Ltd. All rights reserved.
Copyright (c) 2004, Cisco URP imburses and Network Information Center in Beijing University of Posts and Telecommunications researches.

Copyright (c) 2004, Cisco, Inc and Information Network Center of Beijing University of Posts and Telecommunications. All rights reserved.
Copyright (c) 2009 Science Logic, Inc. All rights reserved
Copyright (c) 2004 Scott James Remnant <scott@netsplit.com>.
Copyright remains Eric Young's.
Copyright (c) Tripleplay Services Limited 2005 All rights reserved.
Copyright (c) Patrick Powell 1995 This code is based on code written by Patrick Powell (papowell@astart.com)
Copyright (c) 2003-2009 Sun Microsystems, Inc. All rights reserved.
Copyright (c) 2010 Lennart Poettering
Copyright (c) 1999, 2000 - D.T.Shield.
Copyright (c) 1997 Niels Baggesen
Copyright (c) 1989 TGV, Incorporated
Copyright (c) 1988-1998 by Carnegie Mellon University
Copyright (c) Fabasoft R&D Software GmbH & Co KG, 2003 oss@fabasoft.com Author: Bernhard Penz <bernhard.penz@fabasoft.com>
Copyright (c) 2017-2018, Information Sciences Institute All rights reserved.
Copyright (c) 2009-2017 IETF Trust and the persons identified as authors of the code. All rights reserved.
Copyright (c) 2016 VMware, Inc. All rights reserved.
Copyright (c) 2013, 2015, Arista Networks, inc. All rights reserved.
Copyright (c) 2010 Cobham Analytic Solutions - All rights reserved.
Copyright (c) 2009-2010 Bart Van Assche <bart.vanassche@gmail.com>.
Copyright (c) 2006-2009, ScienceLogic, LLC All rights reserved.
Copyright (c) 2006-2009 Alex Burger.
Copyright (c) 2006 Andy Gross. See LICENSE.txt for details.
Copyright (c) 2003-2013, SPARTA, Inc All rights reserved.
Copyright (c) 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A. All rights reserved.
Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.
Copyright (c) 2002-2004, 2007 Apple Computer, Inc. All rights reserved.
Copyright (c) 2001-2003, Networks Associates Technology, Inc All rights reserved.
Copyright (c) 2000-2003 Frank Strauss <strauss@ibr.cs.tu-bs.de>
Copyright (c) 1999 Frank Strauss, Technical University of Braunschweig. Modified by Niels Baggesen
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>
Copyright (c) 1996 by Internet Software Consortium.
Copyright (c) 1995-2006, 2010 G. S. Marzot. All rights reserved.
Copyright (c) 1983-2000 Regents of the University of California. All rights reserved.
Copyright (c) The Internet Society (1999-2006). All Rights Reserved.
Copyright (c) 2004, 2005, 2007, 2009 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
Copyright (c) 2004, 2005, 2007, 2008, 2009 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (c) 2004 W. Hardaker
Copyright (c) 2001, Paul Marquess.
Copyright (c) 2001 Tali Rozin, Optical Access
Copyright (c) 2001 Alex Rozin, Optical Access
Copyright (c) 1999, Kenneth Albanowski.
Copyright (c) 1996- 2001, 2003-2010 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (c) 1992-2010 Free Software Foundation, Inc.
Copyright (c) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.
Copyright (c) 1994 X Consortium
Copyright (c) 2009, 2010 IBM Corp., All Rights Reserved

Copyright (c) 1990 RSA Data Security, Inc.

1.1.37.2 Acknowledgements

To the extent files may be licensed under Artistic 1.0 or GPL-1.0+, in this context, Artistic 1.0 has been chosen.This shall not restrict the freedom of future users to choose Artistic 1.0 or GPL-1.0+.

"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

"This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
"This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

1.1.37.3 Licenses

BSD-3-Clause (76)
BSD-3-Clause (222)
BSD-3-Clause (223)
BSD-3-Clause (224)
BSD-3-Clause (225)
BSD-3-Clause (226)
BSD-3-Clause (227)
BSD-3-Clause (228)
BSD-3-Clause (229)
BSD-3-Clause (230)
BSD-3-Clause (231)
BSD-3-Clause (232)
BSD-3-Clause (233)
BSD-3-Clause (234)
BSD-3-Clause (235)
GPL-2.0+-with autoconf exception (236)
GPL-2.0+-with autoconf exception (237)
MIT style (238)
GPL-2.0+-with-libtool-exception (239)
Permission notice with Disclaimer (135)
Artistic-1.0-Perl (240)
FSF-Configure-Script-License (241)
FSF-Makefile-License (242)
Freeware (243)
Public-domain (244)
Public-domain (245)
Public domain (134)
Public-domain (246)
Public-domain (247)
Public-domain (248)
MIT-style (249)
MIT-style (250)
MIT-style (251)

MIT-style (66)
MIT-style (252)
MIT-style (253)
MIT-style (254)
MIT-style (255)
MIT-style (256)
MIT-style (257)
MIT-style (258)
BSD-style (259)
FSF (260)
FSF (261)
FSF (262)
MIT (47)
OpenSSL (263)
OpenSSL (264)
OpenSSL (265)
OpenSSL (266)
APSL-1.1 (267)
(268)

1.1.38 nginx 1.14.2

1.1.38.1 Copyrights

Copyright holder
Copyright (C) Valentin V. Bartenev
Copyright (C) Unbit S.a.s. 2009-2010
Copyright (C) Ruslan Ermilov
Copyright (C) Roman Arutyunyan
Copyright (C) Nginx, Inc. All rights reserved.
Copyright (C) Nginx, Inc.
Copyright (C) Maxim Dounin
Copyright (C) Manlio Perillo (manlio.perillo@gmail.com)
Copyright (C) Igor Sysoev
Copyright (C) Austin Appleby
Copyright (C) 2015 Vlad Krasnov
Copyright (C) 2011-2018 Nginx, Inc. All rights reserved.
Copyright (C) 2010 Sergey A. Osokin
Copyright (C) 2008 Manlio Perillo (manlio.perillo@gmail.com)
Copyright (C) 2002-2018 Igor Sysoev
(c) Andrei Nigmatulin, 2005

1.1.38.2 Licenses

BSD-2-Clause - The Author or Contributors (269)
Public Domain (270)

1.1.39 NTP 4.2.8p15

1.1.39.1 Copyrights

Author: Tai Jin (tai@sde.hp.com)
(c) Copyright Tai Jin, 1988. All Rights Reserved. Hewlett-Packard Laboratories.
<TEST> (c) Copyright Tai Jin, 1988. All Rights Reserved. Hewlett-Packard Laboratories.
copyright "1992-2020" "The University of Delaware and Network Time Foundation"
Copyright Â© 2003 Sun Microsystems, Inc.

Copyright Apple Computer, Inc., 2005
Copyright Apple Computer 1987
Copyright 2015 Harlan Stenn.
Copyright 1992-2015 Free Software Foundation, Inc.
Copyright 2007-2012 Niels Provos and Nick Mathewson
Copyright 2005-2012 Nick Mathewson
Copyright 2008, Red Hat, Inc.
Copyright 2008, Andrew Tridgell.
Copyright 2007-2012 Niels Provos, Nick Mathewson
Copyright 2007-2012 Nick Mathewson and Niels Provos
Copyright 2000-2007 Niels Provos
Copyright 2005, Nick Mathewson.
Copyright 2000-2009 Niels Provos <provos@citi.umich.edu>
Copyright 2003 Michael A. Davis <mike@datanerds.net>
Copyright 2002, 2009, 2010 Harlan Stenn.
Copyright 2002 Niels Provos <provos@citi.umich.edu> All rights reserved.
Copyright 2002 Christopher Clark
Copyright 2001, 2015, Harlan Stenn.
Copyright 2000 Aaron D. Gifford. All rights reserved.
Copyright 1998-2010 The OpenLDAP Foundation.
Copyright 1994-1999 Sun Microsystems, Inc.
Copyright 1992 by Carnegie Mellon University
Copyright (c) by Meinberg Funkuhren (www.meinberg.de)
Copyright (c) University of Delaware 1992-2015
Copyright (c) Network Time Foundation 2011-2020
Copyright (c) Meinberg Funkuhren, Bad Pyrmont, Germany
Copyright (c) David L. Mills 1999-2009
Copyright (c) David L. Mills 1999-2000
Copyright (c) David L. Mills 1993, 1994
Copyright (c) 2014-2016 Network Time Foundation
Copyright (c) 2015 Alexander Mueller / XelaRellum@web.de
Copyright (c) 2005-2013 Niels Provos and Nick Mathewson
Copyright (c) 2012 Ross Lagerwall <rosslagerwall@gmail.com>
Copyright (c) 2010 Serge A. Zaitsev
Copyright (c) 2010 James Grenning and Contributed to Unity Project
Copyright (c) 2010 IETF Trust and the persons identified as authors of the code. All rights reserved.
Copyright (c) 2010 Chris Davis, Niels Provos, and Nick Mathewson
Copyright (c) 2010 BitTorrent, Inc.
Copyright (c) 2007-2012 Niels Provos, Nick Mathewson
Copyright (c) 2009-2012 Nick Mathewson and Niels Provos
Copyright (c) 2009,2012 - Schweitzer Engineering Laboratories, Inc. <opensource@selinc.com>
Copyright (c) 2008, Damien Miller <djm@openbsd.org>
Copyright (c) 2008 Otto Moerbeek <otto@drijf.net>
Copyright (c) 2008 Holger Weiss.
Copyright (c) 2008 Holger Weiss <holger@jhweiss.de>.
Copyright (c) 2007-2012 Niels Provos and Nick Mathewson All rights reserved.
Copyright (c) 2007-14 Mike Karlesky, Mark VanderVoord, Greg Williams
Copyright (c) 2007-2007 Sun Microsystems.
Copyright (c) 2007 Steven G. Johnson <stevenj@alum.mit.edu>
Copyright (c) 2007 Mike Karlesky, Mark VanderVoord, Greg Williams
Copyright (c) 2000-2009 Niels Provos <provos@citi.umich.edu>
Copyright (c) 2006 Some code shamelessly based on the original NTP discrete event simulator)
Copyright (c) 2006 Maxim Yegorushkin <maxim.yegorushkin@gmail.com>
Copyright (c) 2003 Michael A. Davis <mike@datanerds.net>

Copyright (c) 2000-2007 Niels Provos <provos@citi.umich.edu> All rights reserved.
Copyright (c) 2002, Christopher Clark All rights reserved.
Copyright (c) 2002 RIPE NCC
Copyright (c) 2002 Christopher Clark
Copyright (c) 2001 Jake Burkholder. All rights reserved.
Copyright (c) 2000 Dug Song <dugsong@monkey.org>
Copyright (c) 1997-1999 by Ulrich Windl
Copyright (c) 1995-2015 by Frank Kardel <kardel <AT> ntp.org>
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com> All rights reserved.
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>
Copyright (c) 1998 Hewlett-Packard Company
Copyright (c) 1998 Doug Rabson.
Copyright (c) 1998 Doug Rabson All rights reserved.
Copyright (c) 1997-1999 by Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de>
Copyright (c) 1997, 1998, 2003 The Regents of the University of California. All rights reserved.
Copyright (c) 1997, 1998, 1999, 2000 Trimble Navigation Ltd. All rights reserved.
Copyright (c) 1996, David Mazieres <dm@uun.org>
Copyright (c) 1995 Vixie Enterprises
Copyright (c) 1995 Patrick Powell.
Copyright (c) 1989-2015 , Frank Kardel
Copyright (c) 1993 by Digital Equipment Corporation.
Copyright (c) 1983-1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1993 The Regents of the University of California.
Copyright (c) 1992-1998 Rainer Pruy, Friedrich-Alexander UniversitÃ¤t Erlangen-NÃ¼rnberg
Copyright (c) 1992 Rainer Pruy Friedrich-Alexander Universitaet Erlangen-Nuernberg
Copyright (c) 1992 Microsoft Corporation
Copyright (c) 1992 Frank Kardel, Rainer Pruy Friedrich-Alexander Universitaet Erlangen-Nuernberg
Copyright (c) 1989-1994 by Frank Kardel, Friedrich-Alexander Universitaet Erlangen-Nuernberg, Germany
Copyright (c) 1982-1989 Regents of the University of California. All rights reserved.
Copyright (c) 1987, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1982, 1986, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (C) 2015, 2017 Network Time Foundation Author: Harlan Stenn
Copyright (C) 2014 Timothe Litt litt at acm dot org
Copyright (C) 1994-2017 Free Software Foundation, Inc.
Copyright (C) 1999-2015 Bruce Korb, all rights reserved.
Copyright (C) 2010-2014 Free Software Foundation, Inc. Written by Peter Rosin <peda@lysator.liu.se>.
Copyright (C) 2008-2015 Free Software Foundation, Inc. Written by Bruce Korb <bkorb@gnu.org>, 2008.
Copyright (C) 2008 Internet Systems Consortium, Inc.
Copyright (C) 2004-2009 , 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004- 2007-2010 -2012 Internet Systems Consortium, Inc. ("ISC")
, 2005-2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 1992-2015 by Bruce Korb
Copyright (C) 2004-2007 , 2009, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004-2007 -2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004-2005 , 2007, 2009, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004-2007, 2009, 2010 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004

Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
, 2007-2009 , 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004, 2007, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004, 2006, 2007, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004, 2006, 2007, 2009 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004, 2005, 2007, 2009, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004, 2005, 2007, 2008, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 1996-2003 Internet Software Consortium.
Copyright (C) 2001-2020, Takao Abe. All rights reserved.
Copyright (C) 2001-2005, 2009-2015 Free Software Foundation, Inc.
Copyright (C) 2000, 2001, 2003 Internet Software Consortium.
Copyright (C) 1999-2014 Free Software Foundation, Inc. Written by Tom Tromey <tromey@cygnus.com>.
Copyright (C) 1999-2014 Bruce Korb
Copyright (C) 1999-2007, 2009-2016 Free Software Foundation, Inc.
Copyright (C) 1998-2001 , 2003 Internet Software Consortium.
Copyright (C) 1999,2000 Hans Lambermont and Origin B.V.
Copyright (C) 1999, 2000 by Philippe De Muyter <phdm@macqel.be>
Copyright (C) 1999, 2000 by Bernd Altmeier altmeier@ATLSoft.de
Copyright (C) 1996-2014 Free Software Foundation, Inc. Fran,cois Pinard (pinard@iro.umontreal.ca), 1996.
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1995-1998, 2000-2002, 2004-2006, 2009-2015 Free Software Foundation, Inc.
Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project. All rights reserved.
Copyright (C) 1994 X Consortium
Copyright (C) 1991-2005 , Frank Kardel
Copyright (C) 1993-2005 by Frank Kardel
Copyright (C) 1992\-2020 The University of Delaware and Network Time Foundation all rights reserved.
Copyright (C) 1992-2020 The University of Delaware and Network Time Foundation, all rights reserved.
Copyright (C) 1992-2020 The University of Delaware and Network Time Foundation all rights reserved.
Copyright (C) 1992-2015 by Bruce Korb - all rights reserved
Copyright (C) 1992-2013 Bruce Korb - all rights reserved
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1992, 1996 by Rainer Pruy Friedrich-Alexander Universitaet Erlangen-Nuernberg, Germany
Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.
Copyright ((c)) 2002, Rice University All rights reserved.
COPYRIGHT 1991-2002 MOTOROLA INC. COPYRIGHT 1991-2003 MOTOROLA INC. COPYRIGHT 1991-1997 MOTOROLA INC. COPYRIGHT 1991-1996 MOTOROLA INC. COPYRIGHT 1991-1994 MOTOROLA INC.
(c) Copyright Tai Jin, 1988. All Rights Reserved.
(c) 1999, 2000 Bernd Altmeier <altmeier@ATLSoft.de> */ Rev. 1.00 Date 25.03.2000 */ History: */
(C) Copyright 2008 Spectracom Corporation

1.1.39.2 Acknowledgements

To the extent files may be licensed under LGPL-3.0 or later or BSD-3-Clause, in this context BSD-3-Clause has been chosen.
This shall not restrict the freedom of future contributors to choose LGPL-3.0 or later.
Some files can be licensed under LGPL-3.0+ or BSD-3-Clause.In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose LGPL-3.0+

Some files can be licensed under LGPL-2.0+or BSD-2-Clause.In this case the BSD-2-Clause has been chosen. This shall not restrict the freedom of future users to choose LGPL-2.0+

1.1.39.3 Licenses

MIT-style (250)
MIT-style (271)
MIT-style (272)
MIT-style (273)
MIT-style (274)
MIT-style (274)
MIT-style (272)
MIT-style (275)
MIT-style (276)
Public-domain (277)
NTP (278)
MIT (97)
LGPL-2.1+ (131)
ISC-style (279)
ISC (280)
ISC (281)
GPL-3.0+-with-bison-exception (282)
Beerware (283)
BSD-4-Clause (284)
BSD-4-Clause (285)
BSD-4-Clause (285)
BSD-4-Clause (285)
BSD-4-Clause (286)
BSD-3-Clause (96)
BSD-3-Clause (287)
BSD-3-Clause (124)
BSD-3-Clause (288)
BSD-3-Clause (289)
BSD-3-Clause (290)
BSD-3-Clause (291)
BSD-3-Clause (292)
BSD-3-Clause (293)
BSD-3-Clause (294)
BSD-3-Clause (295)
BSD-3-Clause (296)
BSD-3-Clause (297)
BSD-3-Clause (292)
BSD-3-Clause (292)
BSD-3-Clause (298)
BSD-2-Clause (299)
BSD-2-Clause (300)
BSD (301)

1.1.40 oe-base-files 3.0.14

1.1.40.1 Copyrights

copyrighted interfaces, the
Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

1.1.40.2 Licenses

GPL-2.0 (14)

1.1.41 oopslog 1.1.3

1.1.41.1 Copyrights

Copyright (C) 2007 Nokia Corporation. All rights reserved.

1.1.41.2 Licenses

GPL v2.0 (302)

1.1.42 OpenJDK 8u172-b11

1.1.42.1 Copyrights

copyrighted software. All rights remain with the authors.
copyrighted by Microsoft.
copyrighted and owned by Taligent, Inc.
copyrighted and owned by IBM.
copyrighted and owned by IBM, Inc.
copyright/ bug 6939620 7020044
copyright 2000, 2007, package sun.nio.cs class StandardCharsets
copyright (C) 1999-2002 , International Business Machines, Inc.
copyright (C) 2001, International Business Machines, Inc., http://www.apache.org.
copyright (C) 1999, Lotus Development Corporation., http://www.lotus.com.
copyright (C) 1991-1998, Thomas G. Lane.
copyright Sun Microsystems, Inc, 2003
Copyright (C) 2011 Your Company Inc.
Copyright (C) 2003-2012 Unicode, Inc. and others.
Copyright (C) 2002, Hewlett Packard, Inc.
Copyright (C) 2002 Hewlett-Packard Company, Inc.
Copyright (C) 2001 Keith Packard
Copyright (C) 2000, Compaq Computer Corporation,
Copyright (C) 2000 Compaq Computer Corporation, Inc.
Copyright (C) 1991-2012 Unicode, Inc.
Copyright IBM Corporation, 1997-2001 .
Copyright IBM Corp. 1999-2000.
Copyright IBM Corp. 1998 2012 All Rights Reserved
Copyright IBM Corp. 1998 1999 All Rights Reserved
Copyright Eastman Kodak Company 1991-2003
Copyright 2017 SAP SE.
Copyright 2012-2017 SAP AG.
Copyright 2009-2014 Google Inc.
Copyright 2013-2016 Azul Systems, Inc.
Copyright 2007-2011 Red Hat, Inc.

Copyright 2009-2015 Attila Szegedi
Copyright 2009, 2010, 2011 Red Hat, Inc.
Copyright 2007-2008 , 2009, 2010, 2011 Red Hat, Inc.
Copyright 2008, 2009, 2010 Red Hat, Inc.
Copyright 2007, 2008, 2011, 2015, Red Hat, Inc.
, 2008-2011 Red Hat, Inc.
Copyright 2007, 2008, 2009, 2010, 2011 Red Hat, Inc.
Copyright 2007 Apple Inc.
Copyright 1999-2006 The Apache Software Foundation.
Copyright 2003-2005 Colin Percival All rights reserved
Copyright 2003 Wily Technology, Inc.
Copyright 2003 Apple Computer Inc., all rights reserved.
, 2002-2005 The Apache Software Foundation.
Copyright 2001-2004 The Apache Software Foundation or its licensors, as applicable.
Copyright 2001,2003 Keith Packard
Copyright 2001,2002,2004,2005 The Apache Software Foundation.
Copyright 2001, softSurfer (www.softsurfer.com)
Copyright 2001, 2002,2004,2005 The Apache Software Foundation.
Copyright 2001 The Internet Society and W3C (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved. http://www.w3.org/Consortium/Legal/
Copyright 2000-2003 Sun Microsystems, Inc.
Copyright 1999-2002 ,2004,2005 The Apache Software Foundation.
Copyright 1999-2002 ,2004 The Apache Software Foundation.
Copyright 1997-2000 by Sun Microsystems, Inc.
Copyright 1999-2002,2004, 2005 The Apache Software Foundation.
Copyright 1999 by CoolServlets.com.
Copyright 1997 The Open Group Research Institute.
Copyright 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian
Copyright 1995-2017 Mark Adler
Copyright 1995-2017 Jean-loup Gailly and Mark Adler
Copyright 1991-2013 Unicode, Inc.
Copyright 1987-1998 The Open Group
Copyright 1987, 1994, 1998 The Open Group
Copyright 1987 by Digital Equipment Corporation, Maynard, Massachusetts,
Copyright 1987 by Digital Equipment Corporation, Maynard, Massachusetts
Copyright (C) Kohsuke Kawaguchi
Copyright (C) IBM Corporation 1998
Copyright (C) 1993-2018 , Oracle and/or its affiliates.
Copyright (C) 2017, Red Hat, Inc. and/or its affiliates.
Copyright (C) 2016, SAP SE and/or its affiliates.
Copyright (C) 2015, Linaro Ltd.
Copyright (C) 1998-2017 Oracle and/or its affiliates.
Copyright (C) 2014-2015 , Red Hat Inc.
Copyright (C) 2014 IBM Corporation
Copyright (C) 2007-2013 , Stephen Colebourne & Michael Nascimento Santos
Copyright (C) 2012, 2017 SAP SE.
Copyright (C) 2012, 2015 SAP.
Copyright (C) 2012, 2013 Stephen Colebourne & Michael Nascimento Santos
Copyright (C) 2012 Sparkle.org and Andy Matuschak
Copyright (C) 2009-2013, Attila Szegedi
Copyright (C) 2009, 2013, by Oracle Corporation.
Copyright (C) 2009-2015 Red Hat, Inc.
Copyright (C) 2009-2009 by Oracle Corporation.
Copyright (C) 2009 Apple Inc.

Copyright (C) 2008 Otto Moerbeek <otto@drijf.net>
Copyright (C) 2007 The Khronos Group Inc.
Copyright (C) 2001-2010 Thai Open Source Software Center Ltd
Copyright (C) 2004-2009 Paul R. Holser, Jr.
Copyright (C) 2004, 2006-2014 Glenn Randers-Pehrson
Copyright (C) 2004 World Wide Web Consortium,
Copyright (C) 2000-2002 World Wide Web Consortium, Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University).
Copyright (C) 2002 Graz University of Technology.
Copyright (C) 1999-2004 The Apache Software Foundation.
Copyright (C) 2001, Thai Open Source Software Center Ltd
Copyright (C) 2001-2005 freebxml.org.
Copyright (C) 2000-2013 INRIA, France Telecom
Copyright (C) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi.
Copyright (C) 2000-2002, 2004, 2006-2017 Glenn Randers-Pehrson
Copyright (C) 1998-2016 Glenn Randers-Pehrson
Copyright (C) 1999-2004 Ludovic Rousseau <ludovic.rousseau (at) free.fr>
Copyright (C) 1999-2004 David Corcoran <corcoran@linuxnet.com>
Copyright (C) 1998-1999 International Business Machines.
Copyright (C) 1998-2017 Marti Maria Saguer
Copyright (C) 1998-2002 ,2004,2006-2017 Glenn Randers-Pehrson
Copyright (C) 1998-2002,2004,2006-2016 Glenn Randers-Pehrson
Copyright (C) 1998-2002,2004,2006-2014,2016 Glenn Randers-Pehrson
Copyright (C) 1998-2002,2004,2006-2013 Glenn Randers-Pehrson
Copyright (C) 1998, 1999 Glenn Randers-Pehrson
Copyright (C) 1997, 2012, Oracle and/or its affiliates. All rights
Copyright (C) 1997 Eric S. Raymond
Copyright (C) 1996-2000 Markus Oberhumer & Laszlo Molnar http://wildsau.idv.uni-linz.ac.at/mfx/upx.html http://www.nexus.hu/upx http://upx.tsx.org
Copyright (C) 1996-1997 Andreas Dilger
Copyright (C) 1996 Netscape Communications Corporation.
Copyright (C) 1995-2010 International Business Machines Corporation and others
Copyright (C) 1995-2005 The Cryptix Foundation Limited.
Copyright (C) 1995-1996 Guy Eric Schalnat, Group 42, Inc.
Copyright (C) 1995-1996 Guy Eric Schalnat
Copyright (C) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.
Copyright (C) 1995 Colin Plumb.
Copyright (C) 1994 Hewlett-Packard Co.
Copyright (C) 1993-1996 X Consortium
Copyright (C) 1993 Oracle and/or its affilates.
Copyright (C) 1992-2009 Oracle and/or its affiliates, and Stanford University.
Copyright (C) 1988 AT&T All Rights Reserved
Copyright (C) Oracle and/or its affiliates.
Copyright (C) 1998-2013 , International Business Machines Corporation and others.
Copyright (C) 1996-2009 , International Business Machines Corporation and others.
Copyright (C) 1995-2017 Mark Adler
Copyright (C) 2004, 2010 Mark Adler
Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
Copyright (C) 1999-2004 David Corcoran <corcoran@linuxnet.com> Ludovic Rousseau <ludovic.rousseau@free.fr>
Copyright (C) 1999-2002 Brian Paul
Copyright (C) 1998 by the FundsXpress, INC.
Copyright (C) 1998 National Electronics and Computer Technology Center, National Science and Technology Development Agency, Ministry of Science Technology and Environment, Thai Royal Government.

Copyright (C) 1998 Michael J. Fromberger, All Rights Reserved
Copyright (C) 1996-2000 Markus Franz Xaver Johannes Oberhumer
Copyright (C) 1996-2000 Laszlo Molnar
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly
Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995- 2005-2016 Mark Adler
Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler
Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1991-1998 , Thomas G. Lane.
Copyright (C) 1994-2004 The XFree86 Project, Inc.
Copyright (C) 1994-2003 the Initial Developer.
Copyright (C) 1991-2012 Unicode, Inc. All rights reserved. Distributed under the
Copyright (C) 1991-2012 Unicode, Inc. All rights reserved. Distributed under
Copyright (C) 1989-1999 Free Software Foundation, Inc.
Copyright (C) 1982 The Royal Institute, Thai Royal Government.
Copyright 2011 Ecma International
Copyright 1994-2002 <a href="http://www.w3.org/">World Wide Web Consortium
Copyright IBM Corporation 1999.
Copyright 2000 <loc href="http://www.w3.org/">World Wide Web Consortium
COPYRIGHT (C) Eastman Kodak Company, 1997
(C) 1999 Entrust.net Limited
(C) IBM Corp. 1997-1998.
(C) Copyright Taligent, Inc. 1996-1998 - All Rights Reserved
(C) Copyright Taligent, Inc. 1996 - 1997, All Rights Reserved
(C) Copyright IBM Corp. and others, 1996-2009 - All Rights Reserved
(C) Copyright IBM Corp. and others 1998-2013 - All Rights Reserved
(C) Copyright IBM Corp. 2013
(C) Copyright IBM Corp. 1999-2005 ,
(C) Copyright IBM Corp. 1993-2013 - All Rights Reserved
(C) Copyright IBM Corp. 1996-2003 , All Rights Reserved
(C) Copyright IBM Corp. 2003
(C) Copyright IBM Corp. 2000
(C) Copyright IBM Corp. 1999
(C) Copyright IBM Corp. 1998-2013 .
(C) Copyright IBM Corp. 1998-2010 -
(C) Copyright IBM Corp. 1998-2003 All Rights Reserved
(C) Copyright IBM Corp. 1998
(C) Copyright IBM Corp and Others. 1998-2013 - All Rights Reserved
(C) COPYRIGHT International Business Machines Corp., 1997, 1999
(C) COPYRIGHT International Business Machines Corp., 1997, 1998
(C) COPYRIGHT International Business Machines Corp. 1997,1998,1999
(C) COPYRIGHT International Business Machines Corp. 1997,1998
(C) COPYRIGHT International Business Machines Corp. 1997, 1999
(C) 1995-2017 Jean-loup Gailly and Mark Adler

1.1.42.2 Acknowledgements

"This product includes software developed by IAIK of Graz University of Technology."

Derived from the RSA Security Inc. PKCS 11 Cryptographic Token Interface (Cryptoki)

To the extent files may be licensed under Apache-2.0 or BSD-3_Clause licenses.
In this context BSD-3-Clause has been chosen.

This shall not restrict the freedom of other users to choose either Apache-2.0 or BSD-3-Clause license.

To the extent files may be licensed under GPL-2.0-with-classpath-exception or CDDL-1.1, in this context GPL-2.0-with-classpath-exception has been chosen.
This shall not restrict the freedom of other users to choose either GPL-2.0-with-classpath-exception or CDDL-1.1 license.

This software may be referred to only as "the Independent JPEG Group's software
The native implementation of the JPEG image decoder was adapted from release 6 of the free JPEG software from the Independent JPEG Group.

1.1.42.3 Licenses

GPL-2.0-with-Classpath-Exception(Oracle) (303)
OpenJDK Trademark Notice (304)
MIT Like (305)
MIT Like (306)
BSD-3-Clause(Sun Microsystems, Inc.) (307)
Unicode, Inc. License Agreement - Data Files and Software (2004) (308)
OpenJDK-assembly-exception-1.0 (309)
Permission Notice (FundsXpress, INC.) (310)
THIRDPARTYLICENSEREADME. (311)
Apache-1.1 like(Graz University of Technology) (312)
Permission Notice (SunSoft, a Sun Microsystems) (313)
RSA-Cryptoki (314)
Dual License Notice - Apache-2.0 or BSD-3-Clause (315)
Permission Notice - The Open Group (316)
Permission notice(Digital and Hewlett Packard) (317)
Permission Notice with disclaimer(Digital) (318)
Permission Notice with disclaimer(Keith Packard) (319)
ISC (92)
Permission Notice (Unicode Inc) (320)
Dual License - GPL-2.0-with-classpath-exception or CDDL-1.1 (321)
Public Domain Notice: (322)
Public Domain Notice: (323)
Public Domain Notice: (324)
Public Domain Notice: (325)
Public Domain Notice: (326)
Public Domain Notice: (327)
Public Domain Notice: (328)
Public Domain Notice: (329)
Public-domain (91)
HP Notice (330)
IJG (331)
CC0-1.0 (105)
Libpng (332)
CDDL-1.1 (333)
BSD-3-Clause (334)
BSD-3-Clause (335)
BSD-3-Clause (212)
BSD-3-Clause (336)
BSD-3-Clause (337)
BSD-3-Clause (338)
W3C (339)

W3C (340)
GPL-2.0 (14)
MIT (97)
Zlib (341)
X11 (342)
CDDL-1.0 (343)
Apache-1.1 (344)
Apache-1.1 (345)
Apache-1.1 (346)
Apache-2.0 (109)
LGPL-2.1+ (131)

1.1.43 OpenSSL 1.1.1d

1.1.43.1 Copyrights

Copyright 1995-2019 The OpenSSL Project Authors.
Copyright 1995-2019 The OpenSSL Project Authors. All Rights Reserved.
Copyright 2017 Ribose Inc. All Rights Reserved.
Copyright 2017 Ribose Inc.
Copyright 2017 BaishanCloud.
Copyright 2016 VMS Software, Inc.
Copyright 2014-2016 Cryptography Research, Inc.
Copyright 2012, Samuel Neves
Copyright 2011 Google Inc.
Copyright 2006 NTT (Nippon Telegraph and Telephone Corporation)
Copyright 2005 Nokia. All rights reserved.
Copyright 2005 Nokia.
Copyright 2004-2014, Akamai Technologies.
Copyright 1998 The OpenSSL Authors.
Copyright (c) 2002-2018 , Oracle and/or its affiliates.
Copyright (c) 2002-2017 , Oracle and/or its affiliates. All rights reserved.
Copyright (c) 2017 National Security Research Institute.
Copyright (c) 2015, CloudFlare, Inc.
Copyright (c) 2015 CloudFlare, Inc.
Copyright (c) 2014, Intel Corporation. All Rights Reserved.
Copyright (c) 2012-2014 , Intel Corporation.
Copyright (c) 2013-2014 Timo Teräs
Copyright (c) 2012-2016 Jean-Philippe Aumasson
Copyright (c) 2012-2014 Daniel J. Bernstein
Copyright (c) 2008 Andy Polyakov appro@openssl.org
Copyright (c) 2007 KISA(Korea Information Security Agency).
Copyright (c) 2006, Network Resonance, Inc. Copyright (c) 2011, RTFM, Inc.
Copyright (c) 2004, Richard Levitte
Copyright (c) 2004, EdelKey Project.
Copyright (c) 2004, 2018, Richard Levitte richard@levitte.org
Copyright (c) 2004 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden.
Copyright (c) 2002 The OpenTSA Project.
Copyright (c) 1998-2019 The OpenSSL Project.
Copyright (c) 1995-1998 Eric Young

1.1.43.2 Acknowledgements

"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

To the extent files may be licensed under OpenSSL or Cryptogams License. In this context, OpenSSL has been chosen.
This shall not restrict the freedom of future contributors to choose OpenSSL or Cryptogams License.
"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

To the extent files may be licensed under OpenSSL or Cryptogams License. In this context, OpenSSL has been chosen.
This shall not restrict the freedom of future contributors to choose OpenSSL or Cryptogams License.
"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit. (http://www.openssl.org/)

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)

This product includes software written by Tim Hudson (tjh@cryptsoft.com)

To the extent files may be licensed under OpenSSL or BSD-3-CLAUSE License. In this context, BSD-3-CLAUSE has been chosen.

This shall not restrict the freedom of future contributors to choose OpenSSL or BSD-3-CLAUSE License.

To the extent files may be licensed under LGPL-2.1+ or GPL-2.0+ or MPL-1.1 or BSD-3-CLAUSE. In this context, BSD-3-CLAUSE has been chosen.
This shall not restrict the freedom of future contributors to choose LGPL-2.1+ or GPL-2.0+ or MPL-1.1 or BSD-3-CLAUSE.

To the extent files may be licensed under OpenSSL or BSD-2-CLAUSE License. In this context, BSD-2-CLAUSE has been chosen.
This shall not restrict the freedom of future contributors to choose OpenSSL or BSD-2-CLAUSE License.

1.1.43.3 Licenses

Combined_OpenSSL+SSLeay (347)
Combined_OpenSSL+SSLeay (348)
Public-domain (349)
Public-domain (350)
Public-domain (351)
Public-domain (352)
CC0-1.0 (105)
BSD-3-Clause (353)
BSD-3-Clause (124)
GPL-2.0 (118)
BSD-2-Clause (354)
BSD-2-Clause (355)
BSD-2-Clause (356)
BSD-2-Clause (299)
BSD-2-Clause (357)
Apache-2.0 (109)

1.1.44 opkg-utils 0.3.6

1.1.44.1 Copyrights

copyrighted by the Free Software Foundation
Copyright 2001, Russell Nelson <opkg.py@russnelson.com>
Copyright (c) 2006-7 Paul Sokolovsky
Copyright (C) 2001 Carl D. Worth
Copyright (C) 2001 Alexander S. Guy <a7r@andern.org> Andern Research Labs
Copyright (C) 1995 Ian Jackson.
Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.1.44.2 Licenses

GPL-2.0+ (50)

1.1.45 p7zip 16.02

1.1.45.1 Copyrights

Copyright (C) 1991-1991 , 1999 Free Software Foundation, Inc.
Copyright (C) 1999-2016 Igor Pavlov.
Copyright (C) 2004 Sergiy Niskorodov
Copyright (c) 1999-2016 Igor Pavlov
Copyright (c) 2009-2015 Richard Geldreich, Jr. <richgel99@gmail.com>

Copyright (c) 2009-2015 Richard Geldreich, Jr. - richgel99@gmail.com -

1.1.45.2 Licenses

LGPL V2.1 or later (358)
Multiple License LGPL V2.1 (or later) AND Unrar License (359)
GPL V2 or later (360)
MIT License (361)
Permission Notice - Win32 API (362)
Public Domain with Disclaimer (363)
Public Domain (364)
Public Domain (365)
Public Domain (366)
Public Domain (367)
Public Domain (368)
Public Domain (369)
Public Domain (370)
Public Domain (371)

1.1.46 pciutils 3.6.2

1.1.46.1 Copyrights

Copyright (c) 2018 YuJian.Gong <gongyujian@acoinfo.com>
Copyright (c) 2002-2014 Martin Mares <mj@ucw.cz>
Copyright (c) 2014 Gerd Hoffmann <kraxel@redhat.com>
Copyright (c) 2013--2014 Tom Gundersen <teg@jklm.no>
Copyright (c) 2013 Apple, Inc.
Copyright (c) 2010, 2017 Rudolf Marek <r.marek@assembler.cz>
Copyright (c) 2009 Francois Revol <revol@free.fr>
Copyright (c) 2008--2009 Martin Mares <mj@ucw.cz>
Copyright (c) 2008 Solarflare Communications
Copyright (c) 1997-2007 --2008 Martin Mares <mj@ucw.cz>
Copyright (c) 2007 Thomas Schwinge <tschwinge@gnu.org>
Copyright (c) 2006 Samuel Thibault <samuel.thibault@ens-lyon.org> and Thomas Schwinge <tschwinge@gnu.org>
Copyright (c) 2004 Alexander Stock <stock.alexander@gmx.de>
Copyright (c) 1997-2003 --2006 Martin Mares <mj@ucw.cz>
Copyright (c) 2003 Matthew Wilcox <matthew@wil.cx>
Copyright (c) 2003 Marco Gerards <metgerards@student.han.nl>
Copyright (c) 2003 Bill Moore <billm@eng.sun.com>
Copyright (c) 2002 Quentin Garnier <cube@cubidou.net>
Copyright (c) 1999 Jari Kirma <kirma@cs.hut.fi> Updated in 2003 by Samy Al Bahra <samy@kerneled.com> Updated in 2017 by Imre Vadász <imrevdsz@gmail.com>
Copyright (c) 1999 Jari Kirma <kirma@cs.hut.fi>
Copyright (c) 1997-1998 --2014 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2018 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2017 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2016 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2013 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2010 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2004 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2003 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2000 Martin Mares <mj@ucw.cz>
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
Copyright (C) 1989, 1990, 1991, 1992, 1993 Free Software Foundation, Inc.

Copyright (C) 1987, 88, 89, 90, 91, 92, 1993 Free Software Foundation, Inc.
(c) 2003--2012 Martin Mares <mj@ucw.cz>
(c) 2003--2011 Martin Mares <mj@ucw.cz>
(c) 1999--2014 Martin Mares <mj@ucw.cz>
(c) 1998--2018 Martin Mares <mj@ucw.cz>
(c) 1998--2013 Martin Mares <mj@ucw.cz>

1.1.46.2 Acknowledgements

To the extent files may be licensed under GPL 2.0+ or 3-Clause-BSD, in this context GPL 2.0+ has been chosen.
This shall not restrict the freedom of other users to choose either GPL 2.0+ or 3-Clause-BSD license.

1.1.46.3 Licenses

GPL-2.0+ (50)
Dual license - BSD-3-Clause or GPL-2.0+ (372)
BSD-3-Clause (76)
GPL-2.0 (14)

1.1.47 pcre 8.42

1.1.47.1 Copyrights

Copyright © 2012-2015 Dan Nicholson <dbn.lists@gmail.com>
Copyright © 2004 Scott James Remnant <scott@netsplit.com>.
Copyright Zoltan Herczeg (hzmester@freemail.hu). All rights reserved.
Copyright 2013-2013 Tilera Corporation(jiwang@tilera.com). All rights reserved.
Copyright 2003 and onwards Google Inc. Author: Sanjay Ghemawat
Copyright 1992-2017 Free Software Foundation, Inc.
Copyright (c) 2011 Daniel Richard G. <skunk@iSKUNK.ORG>
Copyright (c) 2010-2013
Copyright (c) 2010-2012
Copyright (c) 2005-2012 , Google Inc. All rights reserved.
Copyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>
Copyright (c) 2007-2012 Google Inc All rights reserved
Copyright (c) 2007 Google Inc. fi
Copyright (c) 2007 Google Inc.
Copyright (c) 2001, Alexander Tokarev All rights reserved.
Copyright (c) 1997-2018 University of Cambridge All rights reserved.
Copyright (c) 1997-2018 University of Cambridge
Copyright (C) 1994-2017 Free Software Foundation, Inc.
Copyright (C) 2010-2017 Free Software Foundation, Inc. Written by Peter Rosin <peda@lysator.liu.se>.
Copyright (C) 2004-2017 Bootstrap Authors
Copyright (C) 2005, 2008, 2010-2011 Free Software Foundation, Inc.
Copyright (C) 2004-2005, 2007- 2008-2011 -2017 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004-2005, 2007, 2009, 2011-2017 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2011-2017 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
Copyright (C) 1999-2017 Free Software Foundation, Inc. Written by Tom Tromey <tromey@cygnus.com>.

Copyright (C) 1996-2001, 2003-2017 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1994-1996, 1999-2002, 2004-2016 Free Software Foundation, Inc.
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright © 2007 Google Inc. br>
Copyright © 1997-2017 University of Cambridge. br>
(c) 2009-2018 Zoltan Herczeg All rights reserved.
(c) 2001 Peter S. Voronov aka Chem O'Dun <petervrn@yahoo.com>
(c) 2001 Alexander Tokarev <dwalin@dwalin.ru>

1.1.47.2 Acknowledgements

1.1.47.3 Licenses

Google-BSD (373)
BSD-3-Clause (76)
BSD-2-Clause (374)

1.1.48 POCO C++ Libraries 1.9.4

1.1.48.1 Copyrights

Copyright Siemens AG, 2014
Copyright Kevlin Henney, 2000, 2001, 2002. All rights reserved
Copyright Addison-Wesley 2001)
Copyright 2006-2012 the V8 project authors.
Copyright 2005, O'Reilly Media, Inc.
Copyright 2001-2004 Unicode, Inc.
Copyright 1995-2017 Mark Adler
Copyright 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (c) 2004-2018 , Applied Informatics Software Engineering GmbH. and Contributors.
Copyright (c) 2006-2016 , Applied Informatics Software Engineering GmbH. All rights reserved.
Copyright (c) 2013 Nathan Osman
Copyright (c) 2011, Anton V. Yabchinskiy
Copyright (c) 2010-2013
Copyright (c) 2009-2013 Code Synthesis Tools CC.
Copyright (c) 2006-2019 by Applied Informatics Software Engineering GmbH.
Copyright (c) 2006, Applied Informatics Software Engineering GmbH and Contributors.
Copyright (c) 2006 Taxus SI Ltd.
Copyright (c) 2006 Stéphane Dunand
Copyright (c) 2006 Mateusz Loskot (mloskot@loskot.net)
Copyright (c) 2006 Mateusz Loskot (mateusz@loskot.net)
Copyright (c) 2006 Mateusz Loskot
Copyright (c) 2004-20011, Applied Informatics Software Engineering GmbH. and Contributors.
Copyright (c) 2001 by Andrei Alexandrescu
Copyright (c) 2000-2017 Expat development team Licensed under the MIT license:
Copyright (c) 2000-2017 Expat development team
Copyright (c) 1997-2018 University of Cambridge
Copyright (c) 1997-2000 Thai Open Source Software Center Ltd
Copyright (c) 1989, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1987, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1993 The Regents of the University of California.
Copyright (C) Calum Grant 2007
Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
Copyright (C) 1995-2017 Mark Adler

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly
Copyright (C) 1995- 2005-2016 Mark Adler
Copyright (C) 1995-2006, 2010, 2011, 2012 Mark Adler
Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2005, 2010, 2011, 2012 Jean-loup Gailly.
Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.
(C) International Organization for Standardization 1986
(C) Copyright Nicolai M. Josuttis 2001.

1.1.48.2 Licenses

BSL-1.0 (19)
RSA-Security (60)
Public-domain (62)
MIT-style (375)
BSD (376)
BSD-3-Clause (124)
MIT (97)
Zlib (341)

1.1.49 poky-dizzy-init-ifupdown 1.0

1.1.49.1 Copyrights

Copyright 1994-2010 Peter Tobias, Anthony Towns and Marco d'Itri

1.1.49.2 Licenses

GPL-2.0 (53)

1.1.50 poky-dizzy-packagegroup-base 1.0

1.1.50.1 Licenses

MIT (47)

1.1.51 poky-dizzy-packagegroup-core-boot 1.0

1.1.51.1 Copyrights

Copyright (C) 2007 OpenedHand Ltd.

1.1.51.2 Licenses

MIT (377)

1.1.52 poky-dizzy-run-postinsts 1.0

1.1.52.1 Copyrights

Copyright 2007 Openedhand Ltd.

1.1.52.2 Licenses

MIT (47)
GPL-2.0 (378)

1.1.53 protobuf 3.8.0

1.1.53.1 Copyrights

Copyright © 2016 Google. All rights reserved.
Copyright 2005-2019 Google Inc. All rights reserved.
Copyright 2015, Google Inc.
Copyright 2008 Google Inc. All rights reserved. https://developers.google.com/protocol-buffers/
Copyright 2008 Google Inc. All rights reserved. http://code.google.com/p/protobuf/
Copyright 2008 Google Inc. All Rights Reserved. Author: xpeng@google.com (Peter Peng)
Copyright 2008 Google Inc.
Copyright 2007-2011 Baptiste Lepilleur
Copyright 2007 Google Inc. All Rights Reserved. Author: robinson@google.com (Will Robinson)
Copyright 2007 Google Inc. All Rights Reserved.
Copyright (c) 2016 Krzesimir Nowak <qdlacz@gmail.com>
Copyright (c) 2015 Paul Norman <penorman@mac.com>
Copyright (c) 2015 Moritz Klammler <moritz@klammler.eu>
Copyright (c) 2014, 2015 Google Inc.; contributed by Alexey Sokolov <sokolov@google.com>
Copyright (c) 2013 Roy Stogner <roystgnr@ices.utexas.edu>
Copyright (c) 2012 Zack Weinberg <zackw@panix.com>
Copyright (c) 2012 Avionic Design GmbH
Copyright (c) 2011 Daniel Richard G. <skunk@iSKUNK.ORG>
Copyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>
Copyright (c) 2008 Paolo Bonzini <bonzini@gnu.org>
Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>
Copyright (c) 2007-2010 by Baptiste Lepilleur
Copyright (c) 2007-2010 Baptiste Lepilleur
Copyright (c) 2006, Google Inc. All rights reserved.

1.1.53.2 Acknowledgements

To the extent files may be licensed under Public Domain or MIT License, in this context Public domain license has been chosen.
This shall not restrict the freedom of other users to choose either Public Domain or MIT license.

1.1.53.3 Licenses

BSD-3-Clause (45)
Dual License - Public Domain/MIT License (379)
Public-domain (91)
Apache-2.0 (49)

1.1.54 rng-tools 5

1.1.54.1 Copyrights

Copyright notice
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Suite 500, Boston, MA 02110-1335 USA
Copyright (C) 2001 Jeff Garzik -- jgarzik@pobox.com
Copyright (C) 2001 Philipp Rumpf
Copyright (C) 2004 Henrique M. Holschuh <hmh@debian.org>
Copyright (C) 2004 Henrique de Moraes Holschuh <hmh@debian.org>
Copyright (c) 2001 by Philipp Rumpf
Copyright (c) 2004 Henrique de Moraes Holschuh -- hmh@debian.org
Copyright (c) 2004 by Henrique de Moraes Holschuh
Copyright (c) 2011-2014 , Intel Corporation

Copyright 2001-2004 Jeff Garzik
Copyright 2009 Red Hat, Inc.
Authorship notice
Henrique de Moraes Holschuh <hmh@debian.org>
Fenghua Yu <fenghua.yu@intel.com>
H. Peter Anvin <hpa@linux.intel.com>
Richard B. Hill <richard.b.hill@intel.com>
H. Peter Anvin <hpa@linux.intel.com>
John P. Mechalas <john.p.mechalas@intel.com>
Philipp Rumpf
Jeff Garzik jgarzik@pobox.com
Matt Sottek
Brad Hill
Philipp Rumpf
Jeff Garzik <jgarzik@pobox.com>
Henrique de Moraes Holschuh <hmh@debian.org>

1.1.54.2 Licenses

GPL-2.0 ref. 1 (380)
GPL-2.0 (381)
GPL ref. (382)
GPL-2.0 ref. (383)
GPL-2.0+ ref. (384)
Multiple license: GPL-2.0+ ref. and No warranty notice (385)

1.1.55 RocksDB 6.0.2

1.1.55.1 Copyrights

Copyright 2016 Ferry Toth, Exalon Delft BV, The Netherlands
Copyright 2014 The LevelDB Authors. All rights reserved.
Copyright 2013 Facebook, Inc.
Copyright 2013 Facebook
Copyright 2009 Google Inc. All Rights Reserved.
Copyright 2005-2008 , Google Inc. All rights reserved.
Copyright 2004-present Facebook. All Rights Reserved.
Copyright 2003 Google Inc. All rights reserved.
Copyright (c) 2011-2017 -present, Facebook, Inc. All rights reserved.
Copyright (c) 2017 International Business Machines Corp. All rights reserved.
Copyright (c) 2015-2016 , Red Hat, Inc. All rights reserved.
Copyright (c) 2016, Facebook. All rights reserved.
Copyright (c) 2013-2016 , Facebook, Inc. All rights reserved.
Copyright (c) 2015 Anton Blanchard <anton@au.ibm.com>
Copyright (c) 2014, Vlad Balan (vlad.gm@gmail.com). All rights reserved.
Copyright (c) 2011-2014 The LevelDB Authors. All rights reserved.
Copyright (c) 2012 Facebook.
Copyright (C) 2015, 2017 International Business Machines Corp. All rights reserved.
Copyright (C) 2012-2014, Yann Collet.
Copyright (C) 2011 the original author or authors.
Copyright (C) 2007,2008,2009,2010,2011,2012,2013,2014 Ole Tange and Free Software Foundation, Inc.
Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
(c) 2004-present, Facebook, all rights reserved.
(c) 2004-present, Facebook Inc. All rights reserved.

1.1.55.2 Acknowledgements

This file is licensed under dual license - GPL-2.0 and Apache-2.0 license. GPL-2.0 has strong copyleft effect and Apache-2.0 has limited copyleft effect.

1.1.55.3 Licenses

Dual License - Apache-2.0 and GPL-2.0 (386)
Apache-2.0 (49)
GPL-2.0 (14)
MIT (47)
CC0-1.0 (44)
BSD-3-Clause (87)
BSD-2-Clause (214)
Public Domain Notice: (387)

1.1.56 shadow 4.6

1.1.56.1 Copyrights

© 2000 Free Software Foundation, Inc.
copyrighted by the Free Software Foundation
copyright for their translations to this person
copyright di atas, persyaratan ini, dan disclaimer berikut.
copyright Free Software Foundation, Inc.
Copyright: Ming Hua <minghua@ubuntu.com>, 2005,2006,2007. Carlos Z.F. Liu <carlosliu@users.sourceforge.net>, 2004,2006. YunQiang Su <wzssyqa@gmail.com>, 2010, 2012.
Copyright © 2015 Free Software Foundation, Inc. Clytie Siddall <clytie@riverland.net.au>, 2005-2008. Trần Ngọc Quân <vnwildman@gmail.com>, 2014, 2015, 2016.
Copyright © 2005 the shadow copyright holder.
Copyright Scorpio, www.linuxforum.net, 2000
Copyright Red Hat, Inc., 1998, 1999, 2002.
Copyright 2000, International Business Machines, Inc. X. All rights reserved.
Copyright 2000, International Business Machines, Inc. X All rights reserved.
Copyright 2000, International Business Machines, Inc. All rights reserved.
Copyright 1992-2018 Free Software Foundation, Inc.
Copyright 1996, Rafal Maszkowski, rzm@pdi.net All rights reserved.
Copyright 1996, Rafal Maszkowski, rzm@pdi.net
Copyright 1996, Rafal Maszkowski <rzm@pdi.net> All rights reserved.
Copyright 1995 by Wietse Venema. All rights reserved.
Copyright 1993 Rickard E. Faith (faith@cs.unc.edu)
Copyright 1992, Phillip Street and Julianne Frances Haugh All rights reserved.
Copyright 1989-1994 , Julianne Frances Haugh All rights reserved.
Copyright 1991, Julianne Frances Haugh Hungarian translation by Peter Mamuzsics <zumu@mentha.hu> All rights reserved.
Copyright 1991, Julianne Frances Haugh
Copyright 1991 \- 1993, Julianne Frances Haugh All rights reserved.
Copyright 1991 - 1993, Julianne Frances Haugh and Chip Rosenthal All rights reserved.
Copyright 1990, John F. Haugh II All rights reserved.
Copyright 1990 - 1994 Julianne Frances Haugh All rights reserved.
Copyright 1989 \- 1994, John F. Haugh II All rights reserved.
Copyright 1989 \- 1990, Julianne Frances Haugh All rights reserved.
Copyright (c) Cristian Gafton, 1998, <gafton@redhat.com>
Copyright (c) 2017, Chris Lamb All rights reserved.
Copyright (c) 2014, Red Hat, Inc. All rights reserved.

Copyright (c) 2013, Eric W. Biederman All rights reserved.
Copyright (c) 2013 Eric W. Biederman All rights reserved.
Copyright (c) 2013 Eric Biederman All rights reserved.
Copyright (c) 2012- Eric W. Biederman
Copyright (c) 2012 Eric Biederman
Copyright (c) 2012 - Eric Biederman
Copyright (c) 2011 , Peter Vrabec <pvrabec@redhat.com> All rights reserved.
Copyright (c) 2005-2013 , Nicolas François All rights reserved.
Copyright (c) 2011 , Julian Pidancet
Copyright (c) 2011 , Jonathan Nieder All rights reserved.
Copyright (c) 2010, Pawel Hajdan All rights reserved.
Copyright (c) 2010 - , Nicolas François All rights reserved.
Copyright (c) 2010 , Jakub Hrozek <jhrozek@redhat.com>
Copyright (c) 2008 - 2011, Nicolas François
Copyright (c) 2000-2007 , Tomasz Kłoczko
Copyright (c) 2006 , Jonas Meurer
Copyright (c) 2005 - 2006, Yuri Kozlov
Copyright (c) 2001-2006 , Tomasz Kłoczko All rights reserved.
Copyright (c) 2005 , Red Hat, Inc.
Copyright (c) 2001-2005 , Michał Moskal
Copyright (c) 2004 The FreeBSD Project. All rights reserved.
Copyright (c) 2002 NAKANO Takeo all rights reserved.
Copyright (c) 2001 Yuichi SATO all rights reserved.
Copyright (c) 2001 Rafal Wojtczuk, Solar Designer All rights reserved.
Copyright (c) 2001 Maki KURODA all right reserved
Copyright (c) 2000 ISHIKAWA Keisuke all rights reserved.
Copyright (c) 2000 , International Business Machines George Kraft IV, gk4@us.ibm.com, 03/23/2000
Copyright (c) 1996-2001 , Marek Michałkiewicz
Copyright (c) 1999 , Ben Collins
Copyright (c) 1997-1997 Kazuyoshi Furutaka all rights reserved.
Copyright (c) 1997 , Luca Berra
Copyright (c) 1997 , Guy Maor <maor@ece.utexas.edu>
Copyright (c) 1996 Michael H. Jackson.
Copyright (c) 1996 HANATAKA Shinya all rights reserved.
Copyright (c) 1996 Brian R. Gaeke All rights reserved.
Copyright (c) 1996 , Rafal Maszkowski
Copyright (c) 1996 , Michael Meskes
Copyright (c) 1988-1994 , Julianne Frances Haugh
Copyright (c) 1993 and The Australian National University
Copyright (c) 1993 Michael Haardt (michael@moria.de)
Copyright (c) 1993 Michael Haardt
Copyright (c) 1993 , The Regents of the University of California
Copyright (c) 1992 , Phillip Street
Copyright (c) 1991-1994 , Chip Rosenthal
Copyright (c) 1989 Carnegie Mellon University.
Copyright (c) 1983, 1991 The Regents of the University of California. All rights reserved.
Copyright (C) Free Software Foundation, Inc. Yasuyuki Furukawa <furukawa@vinelinux.org>, 2000. revised by NAKANO Takeo <nakano@webmasters.gr.jp> since 2004-09-05
Copyright (C) Free Software Foundation, Inc.
Copyright (C) Daniel Nylander <po@danielnylander.se>, 2006.
Copyright (C) 1989-2017 Free Software Foundation, Inc.
Copyright (C) 2012 Free Software Foundation, Inc. Joe Hansen (joedalton2@yahoo.dk), 2012.
Copyright (C) 2011-2013 Debian French l10n team <debian-l10n-french@lists.debian.org>
Copyright (C) 2011, 2012 Debian French l10n team <debian-l10n-french@lists.debian.org>

Copyright (C) 2011 Free Software Foundation, Inc. Claus Hindsgaul <claus.hindsgaul@gmail.com>, 2004, 2005, 2006. Joe Hansen (joedalton2@yahoo.dk), 2011, 2012.
Copyright (C) 2009 Free Software Foundation, Inc. Baurzhan Muftakhidinov <baurthefirst@gmail.com>, 2009-2017.
Copyright (C) 2006, 2008, 2011 Free Software Foundation, Inc. Daniel Nylander <po@danielnylander.se>, 2006, 2008, 2011.
Copyright (C) 2006 Free Software Foundation, Inc. Simon Brandmair <sbrandmair@gmx.net>, 2005, 2006, 2007, 2011, 2012.
Copyright (C) 2005 Software in the Public Interest, Inc.
Copyright (C) 1995-2014 , 2016 Free Software Foundation, Inc.
Copyright (C) 2004-2007 Free Software Foundation, Inc. Tommi Vainikainen <Tommi.Vainikainen@iki.fi>, 2004-2007.
Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
Copyright (C) 2004, 2006 Free Software Foundation, Inc. Knut Yrvin <knuty@skolelinux.no>, 2004. Klaus Ade Johnstad <klaus.johnstad@holmlia.gs.oslo.no>, 2004. Klaus Ade Johnstad <klaus@skolelinux.no>, 2004. Håvard Korsvoll <korsvoll@skulelinux.no>, 2004. Bjørn Steensrud <bjornst@powertech
Copyright (C) 2004, 2005, 2006, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 2004 Free Software Foundation, Inc. Håvard Korsvoll <korsvoll@skulelinux.no>, 2004.
Copyright (C) 2004 Free Software Foundation, Inc. Elian Myftiu <elian@lycos.com>, 2004.
Copyright (C) 2004 Free Software Foundation, Inc. Bart Cornelis <cobaco@linux.be>, 2004, 2006. Frans Spiesschaert <Frans.Spiesschaert@yucom.be>, 2014, 2017.
Copyright (C) 2004 Free Software Foundation, Inc. Giuseppe Sacco <eppesuig@debian.org>, 2004. Danilo Piazzalunga <danilopiazza@gmail.com>, 2004-2006.
Copyright (C) 2004 Lior Kaplan <webmaster@guides.co.il>, 2004.
Copyright (C) 2001-2005, 2008-2016 Free Software Foundation, Inc.
Copyright (C) 2000-2002, 2007-2014, 2016 Free Software Foundation, Inc.
Copyright (C) 1999, 2004, 2005 Free Software Foundation, Inc. Jacobo Tarrio <jtarrio@debian.org>, 2006.
Copyright (C) 1999 Sami Kerola and Janne Riihijärvi
Copyright (C) 1999 Free Software Foundation, Inc. Frank Schmid <frank@cs-schmid.de>, 2002 Holger Wansing <linux@wansing-online.de>, 2006, 2008, 2009, 2011, 2012, 2014.
Copyright (C) 1999 Free Software Foundation, Inc. Arkadiusz Miśkiewicz <misiek@misiek.eu.org>, 1999. Jakub Bogusz <qboosh@pld-linux.org>, 2003-2004. Tomasz Kłoczko <kloczek@pld.org.pl>, 2004-2006
Copyright (C) 1996-2003, 2009-2016 Free Software Foundation, Inc.
Copyright (C) 1996-2003, 2005, 2008-2016 Free Software Foundation, Inc.
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1996 Petri Mattila, Prihateam Networks petri@prihateam.fi
Copyright (C) 1996 Marek Michalkiewicz marekm@i17linuxb.ists.pwr.wroc.pl>.
Copyright (C) 1995-2003, 2005-2006, 2008-2014, 2016 Free Software Foundation, Inc.
Copyright (C) 1995-1997, 2000-2006 by Ulrich Drepper <drepper@gnu.ai.mit.edu>
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.
Copyright (C) Sorin Batariuc <sorin@bonbon.net>, 2004, 2005, 2006.

Copyright (C) Shiva Pokharel <pokharelshiva@hotmail.com>, 2006.
Copyright (C) Asho S.Y. Yeg <asho@debian.org.tw>, 2004.
(c) 1994 by salvatore valente <svalente@athena.mit.edu>
(C) 1999 Ragnar Hojland Espinosa <ragnar@macula.net>

1.1.56.2 Acknowledgements

This product includes software developed by Brian R. Gaeke.

1.1.56.3 Licenses

Artistic Style License - 1.0 (388)
GPL-3.0+-with-bison-exception-variant (389)
Disclaimer (390)
Public Domain Notice: (391)
Public Domain Notice: (392)
Public Domain Notice: (393)
Public-domain (91)
BSD-style (394)
BSD-4-Clause (395)
BSD-3-Clause (396)
BSD-3-Clause (397)
GPL-2.0 (14)
BSD-2-Clause (90)
GPL-2.0+ (50)

1.1.57 SQLite 3.33.0

1.1.57.1 Licenses

Public-domain (398)

1.1.58 TinyXML 2.5.2

1.1.58.1 Copyrights

copyright (c) 2000-2006 Lee Thomason (www.grinninglizard.com)

1.1.58.2 Licenses

Zlib (151)

1.1.59 tzdata 2019a

1.1.59.1 Licenses

Public Domain Notice (399)

1.1.60 U-Boot 2015.04

1.1.60.1 Copyrights

(C) 1998 Gabriel Paubert, paubert@iram.es
(C) 1999-1999 Andrea Arcangeli <andrea@suse.de>
(C) 1999-2000 Magnus Damm <damm@bitsmart.com>
(C) 2000 David Brownell, david-b@pacbell.net
(C) 2000 Nicolas Pitre <nico@fluxnic.net>
(C) 2000 Red Hat.
(C) 2000-2000 by Paolo Scaffardi (arsenio@tin.it)

(C) 2000 by Paolo Scaffardi
(C) 2001-2006 Red Hat, Inc.
(C) 2002 DENX Software Engineering
(C) 2002 Robert Kaiser <rkaiser@sysgo.de>
(C) 2003 Arun Dharankar <ADharankar@ATTBI.Com>
(C) 2003 Wolfgang Denk, wd@denx.de
(C) 2005 Wind River Systems
(C) 2006-2006 Andrew Victor
(C) 2007 by OpenMoko, Inc.
(C) 2007,2008 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
(C) 2008-2013 ATMEL Corp
(C) 2008 DENX Software Engineering GmbH
(C) 2009 Ben Warren , biggerbadderben@gmail.com
(C) 2009 Ronetix GmbH
(C) 2009 by Detlev Zundel
(C) 2010 Nanometrics, Inc.
(C) Copyright 2006-2007 OpenMoko, Inc.
(C) 2004 Texas Instruments
(C) 2011 PetaLogix
Copyright (C) 2010 Xilinx, Inc. All rights reserved.
(C) 2007-2013 Atmel Corporation.
(C) 2012 NetModule AG, David Andrey
(C) 2012 Stephen Warren
(C) 2015 Siarhei Siamashka <siarhei.siamashka@gmail.com>
(C) ARM Limited
Copyright (C) 2000-2001 Deep Blue Solutions Ltd.
(C) Copyright 2001 Advent Networks, Inc. <http://www.adventnetworks.com>
Jay Monkman <jtm@smoothsmoothie.com>
(C) Copyright -2003 Wolfgang Denk, DENX Software Engineering, <wd@denx.de>
(C) Copyright -2003 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 1995-1996 Gary Thomas (gdt@linuxppc.org)
(C) Copyright 1996, 97, 99, 2002, 03 Ralf Baechle
(C) Copyright 1997-2002 ELTEC Elektronik AG
Frank Gottschling <fgottschling@eltec.de>
(C) Copyright 1999 Gregory P. Smith
(C) Copyright 1999 Johannes Erdfelt
(C) Copyright 1999 Linus Torvalds
(C) Copyright 1999 Randy Dunlap
(C) Copyright 1999 Roman Weissgaerber <weissg@vienna.at>
(C) Copyright 1999 Silicon Graphics, Inc.
(C) Copyright 1999, Greg Ungerer (gerg@snapgear.com)
(C) Copyright 2000-2001 Hans-Joerg Frieden, Hyperion Entertainment
(C) Copyright 2000-2000 Murray Jensen <Murray.Jensen@csiro.au>
(C) Copyright 2000-2001 Paolo Scaffardi
(C) Copyright 2000 Rob Taylor, Flying Pig Systems. robt@flyingpig.com.
(C) Copyright 2000 Subodh Nijsure, SkyStream Networks, snijsure@skystream.com
(C) Copyright 2000 Sysgo Real-Time Solutions GmbH Klein-Winternheim, Germany
(C) Copyright 2000-2014 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2000 ? 2002 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2000 ? 2003 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2000 ? 2007 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2000-2002 ? 2010 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2000 ? 2013 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2000-2002 Sysgo Real-Time Solutions, GmbH <www.elinos.com>

(C) Copyright 2000, 2001
Erik Theisen, Wave 7 Optics, etheisen@mindspring.com.
,Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2000-2002 Rich Ireland, Enterasys Networks, rireland@enterasys.com.
(C) Copyright 2000, 2001-2002 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2000, Lineo Inc. (www.lineo.com)
(C) Copyright 2000-2001 David Brownell <dbrownell@users.sourceforge.net>
(C) Copyright 2000-2002 David Brownell
(C) Copyright 2000-2003 Wolfgang Denk, DENX Software Engineering, wd@denx.de.,Bernhard Kuhn <bkuhn@metrowerks.com>
(C) Copyright 2000-2004 DENX Software Engineering ,Wolfgang Denk, wd@denx.de
(C) Copyright 2000-2013 Stefan Roese, DENX Software Engineering, sr@denx.de.
(C) Copyright 2000-2010 Vipin Kumar, ST Microelectronics, vipin.kumar@st.com
(C) Copyright 2000-2008 -2009
(C) Copyright 2001-2001 Bill Hunter, Wave 7 Optics, williamhunter@attbi.com
(C) Copyright 2001-2002 ARIO Data Networks, Inc. dchiu@ariodata.com
(C) Copyright 2001 Bill Hunter, Wave 7 Optics, williamhunter@mediaone.net
(C) Copyright 2001-2003 Dave Ellis, SIXNET, dge@sixnetio.com
(C) Copyright 2001 Denis Peter MPL AG Switzerland. d.peter@mpl.ch
(C) Copyright 2001-2002 Denis Peter, MPL AG Switzerland
(C) Copyright 2001-2002 Denis Peter, MPL AG Switzerland, d.peter@mpl.ch
(C) Copyright 2001 Denis Peter, MPL AG, d.peter@mpl.ch.
(C) Copyright 2001 Erik Theisen, Wave 7 Optics, etheisen@mindspring.com.
(C) Copyright 2001-2001 Erik Theisen, Wave 7 Optics, etheisen@mindspring.com
(C) Copyright 2001-2007 Gerald Van Baren, Custom IDEAS, vanbaren@cideas.com
(C) Copyright 2001 Josh Huber <huber@mclx.com>, Mission Critical Linux, Inc.
(C) Copyright 2001 Josh Huber, Mission Critical Linux, Inc, <huber@mclx.com>
(C) Copyright 2001-2003 Kyle Harris, Nexus Technologies, Inc. kharris@nexus-tech.net
(C) Copyright 2001-2003 Kyle Harris, kharris@nexus-tech.net
(C) Copyright 2001 Murray Jensen <Murray.Jensen@cmst.csiro.au>
(C) Copyright 2001 Raymond Lo, lo@routefree.com
,Wolfgang Denk, DENX Software Engineering, wd@denx.de.
(C) Copyright 2001-2004 Stefan Roese, esd gmbh germany, stefan.roese@esd-electronics.com
(C) Copyright 2001, 2002 DENX Software Engineering
,Wolfgang Denk, wd@denx.de
(C) Copyright 2001, 2002, 2003 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
,Keith Outwater, keith_outwater@mvis.com
(C) Copyright 2001, Stuart Hughes, Lineo Inc, stuarth@lineo.com
(C) Copyright 2001-2002 Wolfgang Denk, DENX Software Engineering -- wd@denx.de
(C) Copyright 2001-2004 Matthias Fuchs, esd gmbh germany, matthias.fuchs@esd-electronics.com
Stefan Roese, esd gmbh germany, stefan.roese@esd-electronics.com
(C) Copyright 2001-2008 Wolfgang Denk, DENX Software Engineering, wd@denx.de, Keith Outwater, keith_outwater@mvis.com
(C) Copyright 2001-2014 DENX Software Engineering -- wd@denx.de,
Compulab Ltd - http://compulab.co.il/
(C) Copyright 2002 Andrew May, Viasat Inc, amay@viasat.com
(C) Copyright 2002-2002 Jun Gu, Artesyn Technology, jung@artesyncp.com
(C) Copyright 2002 Daniel Engstr-m, Omicron Ceti AB
(C) Copyright 2002 Daniel Engstr-m, Omicron Ceti AB <daniel@omicron.se>.
(C) Copyright 2002 Daniel Engstr-m, Omicron Ceti AB, <daniel@omicron.se>
(C) Copyright 2002-2002 Daniel Engstr-m, Omicron Ceti AB, daniel@omicron.se
(C) Copyright 2002 Kyle Harris, Nexus Technologies, Inc. kharris@nexus-tech.ne
(C) Copyright 2002 Lineo, Inc. <www.lineo.com>
,Bernhard Kuhn <bkuhn@lineo.com>

(C) Copyright 2002 Richard Jones, rjones@nexus-tech.net
(C) Copyright 2002 Robert Schwebel, Pengutronix, <r.schwebel@pengutronix.de>
(C) Copyright 2002 Staubli Faverges - <www.staubli.com>
,Pierre AUBERT p.aubert@staubli.com
(C) Copyright 2002 Wolfgang Denk, DENX Software Engineering, wd@denx.de, Wolfgang Grandegger, DENX Software Engineering, wg@denx.de.
(C) Copyright 2002 Wolfgang Denk, wd@denx.de
(C) Copyright 2002 Scott McNutt, Artesyn Communication Producs, smcnutt@artsyncp.com
(C) Copyright 2002 2003 Adam Bezanson, Network Audio Technologies, Inc. <bezanson@netaudiotech.com>
(C) Copyright 2002 2003 Network Audio Technologies, Inc. <www.netaudiotech.com>
,Adam Bezanson <bezanson@netaudiotech.com>
(C) Copyright 2002 ELTEC Elektronik AG
,Frank Gottschling <fgottschling@eltec.de>
(C) Copyright 2002 Jun Gu <jung@artesyncp.com>
(C) Copyright 2002 SIXNET, dge@sixnetio.com.
(C) Copyright 2002 Scott McNutt <smcnutt@artesyncp.com>
(C) Copyright 2002 Wolfgang Grandegger, wg@denx.de.
(C) Copyright 2002-2003 David Mueller, ELSOFT AG, d.mueller@elsoft.ch
(C) Copyright 2002-2002 , 2003
(C) Copyright 2002-2003 Motorola Inc. Xianghua Xiao (X.Xiao@motorola.com)
(C) Copyright 2002, 2003, 2004, 2005
(C) Copyright 2002-2010 David Mueller, ELSOFT AG, <d.mueller@elsoft.ch>
(C) Copyright 2002,2003
Daniel Engstr m, Omicron Ceti AB, <daniel@omicron.se>
(C) Copyright 2002-2002 ,2003 Motorola Inc.
(C) Copyright 2002,2003 Motorola,Inc.
Xianghua Xiao <X.Xiao@motorola.com>
(C) Copyright 2002,2003, Motorola Inc.
Xianghua Xiao, (X.Xiao@motorola.com)
(C) Copyright 2002-2004 Brad Kemp, Seranoa Networks, Brad.Kemp@seranoa.com
(C) Copyright 2002-2004 Gary Jennejohn, DENX Software Engineering, <garyj@denx.de>
(C) Copyright 2002-2004 Gary Jennejohn, DENX Software Engineering, <gj@denx.de>
(C) Copyright 2002-2004 by David Brownell
All Rights Reserved.
(C) Copyright 2002-2009 Detlev Zundel, DENX Software Engineering, dzu@denx.de.
(C) Copyright 2002-2007 Detlev Zundel, dzu@denx.de.
(C) Copyright 2002-2013 Eric Jarrige <eric.jarrige@armadeus.org>
(C) Copyright 2003 Pantelis Antoniou <panto@intracom.gr>
Intracom S.A.
(C) Copyright 2003-2003 Martin Winistoerfer, martinwinistoerfer@gmx.ch.
(C) Copyright 2003 Data Flash Atmel Description File
(C) Copyright 2003 David Mueller ELSOFT AG Switzerland. d.mueller@elsoft.ch
(C) Copyright 2003
David Müller ELSOFT AG Switzerland. d.mueller@elsoft.ch
(C) Copyright 2003 Denis Peter d.peter@mpl.ch
(C) Copyright 2003 Denis Peter, d.peter@mpl.ch
(C) Copyright 2003 Gerry Hamel, geh@ti.com, Texas Instruments
(C) Copyright 2003 Gleb Natapov <gnatapov@mrv.com>
(C) Copyright 2003 Ingo Assmus <ingo.assmus@keymile.com>
(C) Copyright 2003-2003 Josef Baumgartner <josef.baumgartner@telex.de>
(C) Copyright 2003 Juergen Beisert, EuroDesign embedded technologies, info@eurodsn.de
(C) Copyright 2003
Juergen Beisert, EuroDesign embedded technologies, jbeisert@eurodsn.de
(C) Copyright 2003

Kai-Uwe Bloem, Auerswald GmbH & Co KG, <linux-development@auerswald.de>
(C) Copyright 2003 Marc Singer, elf@buici.com
(C) Copyright 2003 Murray Jensen, CSIRO-MIT, Murray.Jensen@csiro.au
(C) Copyright 2003 Orbacom Systems, Inc.
(C) Copyright 2003 Steven Scholz, imc Measurement & Control, steven.scholz@imc-berlin.de
(C) Copyright 2003 Tait Electronics Limited, Christchurch, New Zealand
(C) Copyright 2003 Texas Instruments <www.ti.com>
(C) Copyright 2003-2014 Texas Instruments, <www.ti.com>
(C) Copyright 2003-2008 Texas Instruments.
(C) Copyright 2003 Thomas.Lange@corelatus.se
(C) Copyright 2003 Wolfgang Denk Engineering, <wd@denx.de>
(C) Copyright 2003 Pavel Bartusek, Sysgo Real-Time Solutions AG, pba@sysgo.de
(C) Copyright 2003 Travis B. Sawyer, Sandburst Corporation, tsawyer@sandburst.com
(C) Copyright 2003-2003 ◆ 2004 Sysgo AG, <www.elinos.com>, Pavel Bartusek
<pba@sysgo.com>
(C) Copyright 2003 - 2004
Sysgo Real-Time Solutions, AG <www.elinos.com>
Pavel Bartusek <pba@sysgo.com>
(C) Copyright 2003 Embedded Edge, LLC Dan Malek <dan@embeddededge.com>
(C) Copyright 2003 Intracom S.A.
Pantelis Antoniou <panto@intracom.gr>
(C) Copyright 2003 Motorola Inc.
(C) Copyright 2003 Motorola Inc. Xianghua Xiao,(X.Xiao@motorola.com)
(C) Copyright 2003 Motorola Inc. Xianghua Xiao, (X.Xiao@motorola.com)
(C) Copyright 2003 Pengutronix e.K. Robert Schwebel <r.schwebel@pengutronix.de>
(C) Copyright 2003 Sandburst Corporation
(C) Copyright 2003 Stefan Roese, stefan.roese@esd-electronics.com
(C) Copyright 2003 Sysgo Real-Time Solutions, AG <www.elinos.com>
Pavel Bartusek <pba@sysgo.de>
(C) Copyright 2003 Xilinx Inc.
(C) Copyright 2003, 2004 ARM Ltd.
Philippe Robin, <philippe.robin@arm.com>
(C) Copyright 2003-2004 , ARM Ltd.
(C) Copyright 2003, Dan Malek, Embedded Edge, LLC. <dan@embeddededge.com>
(C) Copyright 2003, Embedded Edge, LLC
Dan Malek, <dan@embeddededge.com>
(C) Copyright 2003-2003 , Motorola, Inc.
(C) Copyright 2003-2005 , Psyent Corporation <www.psyent.com>
(C) Copyright 2003,Motorola Inc.
Xianghua Xiao, (X.Xiao@motorola.com)
(C) Copyright 2003-2004 Gary Jennejohn, DENX Software Engineering <garyj@denx.de>
(C) Copyright 2003-2003 -2006
(C) Copyright 2003-2006 Wolfgang Denk, DENX Software Engineering,
wd@denx.de.
(C) Copyright 2003; Tundra Semiconductor Corp.
(C) Copyright 2004 Pantelis Antoniou panto@intracom.gr Intracom S.A.
(C) Copyright 2004-2004 ARM Ltd. Philippe Robin, <philippe.robin@arm.com>
(C) Copyright 2004-2005 ARM Ltd.
(C) Copyright 2004-2004 BEC Systems <http://bec-systems.com>
(C) Copyright 2004 DAVE Srl
(C) Copyright 2004-2014 DENX Software Engineering
(C) Copyright 2004 Jian Zhang, Texas Instruments, jzhang@ti.com.
(C) Copyright 2004-2006 Martin Krause, TQ-Systems GmbH, martin.krause@tqs.de
(C) Copyright 2004 Pantelis Antoniou, Intracom S.A. , panto@intracom.gr
(C) Copyright 2004 Philippe Robin, ARM Ltd. <philippe.robin@arm.com>

(C) Copyright 2004 Pierre AUBERT, Staubli Faverges, <p.aubert@staubli.com>
(C) Copyright 2004 Pierre Aubert, Staubli Faverges , <p.aubert@staubli.com>
(C) Copyright 2004 Pierre Aubert, Staubli Faverges <p.aubert@staubli.com>
(C) Copyright 2004 Reinhard Meyer, EMK Elektronik GmbH
(C) Copyright 2004 Robert Whaley, Applied Data Systems, Inc. rwhaley@applieddata.net
(C) Copyright 2004 Robin Getz rgetz@blacfin.uclinux.org
(C) Copyright 2004 Tolunay Orkun, Nextio Inc., torkun@nextio.com
(C) Copyright 2004 Vincent Dubey, Xa SA, vincent.dubey@xa-ch.com
(C) Copyright 2004
esd gmbh <www.esd-electronics.com>
Reinhard Arlt <reinhard.arlt@esd-electronics.com>
(C) Copyright 2004 Psyent Corporation <www.psyent.com>
Scott McNutt <smcnutt@psyent.com>
(C) Copyright 2004-2004 Atmark Techno, Inc.
(C) Copyright 2004 DENX Software Engineering, Wolfgang Denk, wd@denx.de
(C) Copyright 2004-2014 Freescale Semiconductor.
(C) Copyright 2004 Paul Reynolds <PaulReynolds@lhsolutions.com>
(C) Copyright 2004-2015 Texas Insturments
(C) Copyright 2004-2004 Tundra Semiconductor Corp.
(C) Copyright 2004, 2007 Freescale Semiconductor. Jeff Brown
Srikanth Srinivasan (srikanth.srinivasan@freescale.com)
(C) Copyright 2004, Li-Pro.Net <www.li-pro.net>
Stephan Linz <linz@li-pro.net>
(C) Copyright 2004-2005 Nokia Corporation
(C) Copyright 2002-2005 Wolfgang Denk, DENX Software Engineering, <wd@denx.de>
(C) Copyright 2004-2013 Atmel Corporation
(C) Copyright 2004-2007 Freescale Semiconductor, Inc.
TsiChung Liew, Tsi-Chung.Liew@freescale.com.
(C) Copyright 2004-2008 , 2012 Freescale Semiconductor, Inc.
TsiChung Liew (Tsi-Chung.Liew@freescale.com)
(C) Copyright 2004-2004 -2008 Texas Instruments, <www.ti.com>
(C) Copyright 2004-2008 Freescale Semiconductor, Inc.
TsiChung Liew (Tsi-Chung.Liew@freescale.com)
(C) Copyright 2004-2009 DENX Software Engineering
Wolfgang Denk, wd@denx.de
(C) Copyright 2004-2009 Mark Jonas, Freescale Semiconductor, mark.jonas@motorola.com.
(C) Copyright 2004-2004 -2009 Texas Instruments Incorporated
(C) Copyright 2004-2009 Texas Instruments Incorporated, <www.ti.com>
Richard Woodruff <r-woodruff2@ti.com>
(C) Copyright 2004-2014 Freescale Semiconductor, Inc.
(C) Copyright 2005
2N Telekomunikace, a.s. www.2n.cz Ladislav Michl michl@2n.cz
(C) Copyright 2005
BuS Elektronik GmbH & Co. KG <esw@bus-elektronik.de>
(C) Copyright 2005
JinHua Luo, GuangDong Linux Center, <luo.jinhua@gd-linux.com>
(C) Copyright 2005
John Otken, jotken@softadvances.com
(C) Copyright 2005
Martin Krause TQ-Systems GmbH martin.krause@tqs.de
(C) Copyright 2005-2008 Matthias Fuchs, esd gmbh germany, matthias.fuchs@esd-electronics.com
(C) Copyright 2005 STMicroelectronics.
(C) Copyright 2005 STMicrolelctronics, <www.st.com>
(C) Copyright 2005 Sebastien Cazaux,

(C) Copyright 2005 Embedded Alley Solutions, Inc.
Dan Malek <dan@embeddedalley.com>
(C) Copyright 2005, Embedded Alley Solutions, Inc.
Dan Malek, <dan@embeddedalley.com>
(C) Copyright 2005-2007 Frank Bodammer, GCD Hard- & Software GmbH,frank.bodammer@gcd-solutions.de
(C) Copyright 2005-2007 Beijing UD Technology Co., Ltd., taihusupport@amcc.com
(C) Copyright 2005-2008 Matthias Fuchs, esd GmbH Germany, matthias.fuchs@esd-electronics.com
(C) Copyright 2005-2009 Frank Bodammer, GCD Hard- & Software GmbH, frank.bodammer@gcd-solutions.de
(C) Copyright 2005-2009 BuS Elektronik GmbH & Co.KG <esw@bus-elektonik.de>
(C) Copyright 2005-2009 Jens Scharsig
(C) Copyright 2005-2009 Netstal Maschinen AG
Bruno Hars (Bruno.Hars@netstal.com)
Niklaus Giger (Niklaus.Giger@netstal.com)
(C) Copyright 2005-2009 Samsung Electronics
Kyungmin Park <kyungmin.park@samsung.com>
(C) Copyright 2006 Atmel Nordic AB <www.atmel.com>
Ulf Samuelsson <ulf@atmel.com>
(C) Copyright 2006 Bryan O'Donoghue, bodonoghue@codehermit.ie
(C) Copyright 2006 Bryan O'Donoghue, bodonoghue@codehermit.ie, CodeHermit
(C) Copyright 2006 Bryan O'Donoghue, deckard@CodeHermit.ie
(C) Copyright 2006 Bryan O'Donoghue, deckard@codehermit.ie, CodeHermit
(C) Copyright 2006 DAVE Srl <www.dave-tech.it>
(C) Copyright 2006 DENX Software Engineering <mk@denx.de>
(C) Copyright 2006 Detlev Zundel, DENX Software Engineering, <dzu@denx.de>
(C) Copyright 2006 Eric Schumann, Phytec Messatechnik GmbH
(C) Copyright 2006 Eric Schumann, Phytec Messtechnik GmbH
(C) Copyright 2006-2014 Heiko Schocher, DENX Software Engineering, hs@denx.de
(C) Copyright 2006 Heiko Schocher, DENX Software Enginnering <hs@denx.de>
(C) Copyright 2006 Heiko Schocher, hs@denx.de
(C) Copyright 2006-2006 Jacqueline Pira-Ferriol, AMCC/IBM, jpira-ferriol@fr.ibm.com
(C) Copyright 2006 KwikByte <kb9200_dev@kwikbyte.com>
(C) Copyright 2006-2007 Markus Klotzbuecher, DENX Software Engineering <mk@denx.de>
(C) Copyright 2006 Markus Klotzbuecher, mk@denx.de
(C) Copyright 2006 Martin Krause, TQ-Systems GmBH, martin.krause@tqs.de
(C) Copyright 2006 MicroSys GmbH
(C) Copyright 2006-2006 Sylvie Gohl, AMCC/IBM, gohl.sylvie@fr.ibm.com
(C) Copyright 2006-2006 Sylvie Gohl, AMCC/IBM, gohl.sylvie@fr.ibm.com
(C) Copyright 2006-2012 Vipin Kumar, ST Micoelectronics, vipin.kumar@st.com.
(C) Copyright 2006 Wolfgang Wegner, ASTRO Strobel Kommunikationssysteme GmbH, w.wegner@astro-kom.de
(C) Copyright 2006 ATMEL Rousset, Lacressonniere Nicolas
(C) Copyright 2006-2007 OpenMoko, Inc.
(C) Copyright 2006 by Harald Welte <hwelte at hmw-consulting.de>
(C) Copyright 2006, Lab X Technologies <zachary.landau@labxtechnologies.com>
(C) Copyright 2006-2008 Stefan Roese, DENX Software Engineering
(C) Copyright 2006-2007 -2008
(C) Copyright 2006-2014 Texas Instruments Incorporated, <www.ti.com>
(C) Copyright 2006-2010 Eukrea Electromatique <www.eukrea.com>
Eric Benard <eric@eukrea.com>
(C) Copyright 2006-2013 Allwinner Technology Co., Ltd. <www.allwinnertech.com>
Berg Xing <bergxing@allwinnertech.com>
Tom Cubie <tangliang@allwinnertech.com>

(C) Copyright 2006; Freescale Semiconductor Corp.
(C) Copyright 2007
DENX Software Engineering, Anatolij Gustschin, agust@denx.de
(C) Copyright 2007
Daniel Hellstrom, Gaisler Research, <daniel@gaisler.com>
(C) Copyright 2007-2008 Daniel Hellstrom, daniel@gaisler.com.
(C) Copyright 2007
Developed for DENX Software Engineering GmbH.
(C) Copyright 2007
Eran Liberty, Extricom , eran.liberty@gmail.com
(C) Copyright 2007
Eran Liberty, Extricom, eran.liberty@gmail.com
(C) Copyright 2007
Gary Jennejohn, DENX Software Engineering, garyj@denx.de.
(C) Copyright 2007-2013 Heiko Schocher, DENX Software Engineering, <hs@denx.de>
(C) Copyright 2007 Michael Schwingen, <michael@schwingen.org>
(C) Copyright 2007-2010 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
(C) Copyright 2007 Sascha Hauer, Pengutronix
(C) Copyright 2007 Stefano Babic, DENX Gmbh, sbabic@denx.de
(C) Copyright 2007-2011 Stefano Babic, DENX Software Engineering, sbabic@denx.de.
(C) Copyright 2007-2008 Stelian Pop <stelian@popies.net>
(C) Copyright 2007
Vlad Lungu vlad.lungu@windriver.com
(C) Copyright 2007-2007 Yoshihiro Shimoda <shimoda.yoshihiro@renesas.com>
(C) Copyright 2007
Zhang Wei, Freescale Semiconductor, Inc. <wei.zhang@freescale.com>
(C) Copyright 2007 Freescale Semiconductor Inc
TsiChung Liew (Tsi-Chung.Liew@freescale.com)
(C) Copyright 2007 Markus Kappeler <markus.kappeler@objectxp.com>
(C) Copyright 2007-2011 Michal Simek
(C) Copyright 2007 Pengutronix, Juergen Beisert <j.beisert@pengutronix.de>
(C) Copyright 2007 Pengutronix, Sascha Hauer <s.hauer@pengutronix.de>
(C) Copyright 2007 STMicroelectronics, <www.st.com>
(C) Copyright 2007 Schindler Lift Inc.
(C) Copyright 2007 Sergey Kubushyn <ksi@koi8.net>
(C) Copyright 2007 Wind River Systems Inc <www.windriver.com>.
(C) Copyright 2007 by OpenMoko, Inc.
(C) Copyright 2007, 2012 Freescale Semiconductor, Inc.
TsiChung Liew (Tsi-Chung.Liew@freescale.com)
(C) Copyright 2007, From asm-ppc/u-boot.h
Daniel Hellstrom, Gaisler Research, daniel@gaisler.com.
(C) Copyright 2007-2008 Daniel Hellstrom, Gaisler Research, daniel@gaisler.com.
(C) Copyright 2007-2014 Dirk Eibach, Guntermann & Drunck GmbH, eibach@gdsys.de
(C) Copyright 2007-2008 Larry Johnson, lrj@acm.org
(C) Copyright 2007-2008 Matthias Fuchs, esd gmbh, matthias.fuchs@esd-electronics.com.
(C) Copyright 2007-2008 Michal Simek
Michal SIMEK <monstr@monstr.eu>
(C) Copyright 2007-2009 Semihalf
(C) Copyright 2007-2008 Semihalf, Rafal Jaworowski <raj@semihalf.com>
(C) Copyright 2007-2010 -2011
(C) Copyright 2007-2012 Allwinner Technology Co., Ltd. <www.allwinnertech.com>
Tom Cubie <tangliang@allwinnertech.com>
(C) Copyright 2007-2012 Nobobuhiro Iwamatsu <iwamatsu@nigauri.org>
(C) Copyright 2007-2010 -2013

(C) Copyright 2008-2008 Ricado Ribalda-Universidad Autonoma de Madrid-ricardo.ribalda@uam.es
(C) Copyright 2008-2008 Georg Schardt <schardt@team-ctech.de>
(C) Copyright 2008 Benjamin Warren, biggerbadderben@gmail.com
(C) Copyright 2008
DENX Software Engineerin GmbH
Gary Jennejohn <garyj@denx.de>
(C) Copyright 2008
Dirk Behme <dirk.behme@gmail.com>
(C) Copyright 2008
Feng Kan, Applied Micro Circuit Corp., fkan@amcc.com.
(C) Copyright 2008-2008 Feng Kan, Applied Micro Circuits Corp., fkan@amcc.com
(C) Copyright 2008
Gary Jennejohn, DENX Software Engineering GmbH <garyj@denx.de>
(C) Copyright 2008
Gary Jennejohn, DENX Software Engineering GmbH, garyj@denx.de.
(C) Copyright 2008-2009 Graeme Russ, graeme.russ@gmail.com.
(C) Copyright 2008
Grazvydas Ignotas <notasas@gmail.com>
(C) Copyright 2008-2008 Guennadi Liakhovetki, DENX Software Engineering, <lg@denx.de>
(C) Copyright 2008
Guennadi Liakhovetski, DENX Software Engineering, lg@denx.de.
(C) Copyright 2008
Gururaja Hebbar gururajakr@sanyo.co.in
(C) Copyright 2008
Harald Welte, OpenMoko, Inc., Harald Welte <laforge@openmoko.org>
(C) Copyright 2008-2008 Mark Jonas <mark.jonas@de.bosch.com>
(C) Copyright 2008
Martha J Marx, Silicon Turnkey Express, mmarx@silicontkx.com
(C) Copyright 2008
Maxim Artamonov, <scn1874 at yandex.ru>
(C) Copyright 2008
Niklaus Giger, niklaus.giger@member.fsf.org
(C) Copyright 2008
Nishanth Menon <menon.nishanth@gmail.com>
(C) Copyright 2008
Ricado Ribalda-Universidad Autonoma de Madrid, ricardo.ribalda@uam.es
(C) Copyright 2008-2010 Sergei Poselenov, Emcraft Systems, sposelenov@emcraft.com.
(C) Copyright 2008
Steve Sakoman <steve@sakoman.com>
(C) Copyright 2008 Stuart Wood, Lab X Technologies <stuart.wood@labxtechnologies.com>
(C) Copyright 2008 Texas Instruments Nishanth Menon <nm@ti.com>
(C) Copyright 2008 Texas Instruments, www.ti.com Sukumar Ghorai <s-ghorai@ti.com>
(C) Copyright 2008
Tor Krill, Excito Elektronik i Skåne , tor@excito.com
(C) Copyright 2008
Ulf Samuelsson <ulf.samuelsson@atmel.com>
(C) Copyright 2008 Ulf Samuelsson <ulf@atmel.com>
(C) Copyright 2008 Ulf Samuelsson ulf@atmel.com Ilko Iliev <www.ronetix.at>
(C) Copyright 2008 Ricardo Ribalda,Universidad Autonoma de Madrid, ricardo.ribalda@uam.es
(C) Copyright 2008
Ricardo Ribalda-Universidad Autonoma de Madrid-ricardo.ribalda@uam.es
(C) Copyright 2008 Sergei Poselenov, Emcraft Systems, sposelenov@emcraft.com.
(C) Copyright 2008
Stelian Pop <stelian.pop@leadtechdesign.com>

Lead Tech Design <www.leadtechdesign.com>
(C) Copyright 2008
Stelian Pop <stelian@popies.net
Lead Tech Design <www.leadtechdesign.com>
Ilko Iliev <www.ronetix.at>
(C) Copyright 2008 (PPC440X05 port for Virtex 5 FX)
Ricardo Ribalda-Universidad Autonoma de Madrid-ricardo.ribalda@uam.es
(C) Copyright 2008 - 2009
Windriver, <www.windriver.com>
Tom Rix <Tom.Rix@windriver.com>
(C) Copyright 2008-2008 Applied Micro Circuits Corporation
(C) Copyright 2008 Armadeus Systems nc
(C) Copyright 2008 Armadeus Systems, nc
(C) Copyright 2008 Dmitry Rakhchev, EmCraft Systems, rda@emcraft.com
(C) Copyright 2008 Ilya Yanok, EmCraft Systems, yanok@emcraft.com
(C) Copyright 2008-2009 Magnus Lilja <lilja.magnus@gmail.com>
(C) Copyright 2008 Marvell Semiconductor
(C) Copyright 2008 Sergey Lapin <slapin@ossfans.org>
(C) Copyright 2008-2014 Texas Instruments Incorporated.
(C) Copyright 2008 by Harald Welte <laforge@openmoko.org>
(C) Copyright 2008,
Daniel Hellstrom, Gaisler Research, daniel@gaisler.com.
(C) Copyright 2008, 2009
Andreas Pfefferle, DENX Software Engineering, ap@denx.de.
(C) Copyright 2008, 2009 Andreas Pfefferle,
DENX Software Engineering, ap@denx.de.
(C) Copyright 2008-2012 Renesas Solutions Corp.
(C) Copyright 2008, Daniel Hellstr&#65533;m, daniel@gaisler.com
Added AMBA Plug&Play detection of GRUSB
(C) Copyright 2008, Excito Elektronik i Sk
(C) Copyright 2008, Texas Instruments, Inc. http://www.ti.com/
(C) Copyright 2008-2012 Graeme Russ, <graeme.russ@gmail.com>
(C) Copyright 2008-2009 Stefan Roese <sr@denx.de>, DENX Software Engineering
(C) Copyright 2008-2009 -2010
(C) Copyright 2008-2010 Freescale Semiconductor, Inc.
Terry Lv
(C) Copyright 2008-2012 Michal Simek <monstr@monstr.eu>
(C) Copyright 2009 Frank Bodammer <frank.bodammer@gcd-solutions.de>
(C) Copyright 2009-2009 Frederik Kriewitz <frederik@kriewitz.eu>
(C) Copyright 2009 Grzegorz Bernacki, Semihalf, gjb@semihalf.com
(C) Copyright 2009-2009 Ilya Yanok, Emcraft Systems Ltd, <yanok@emcraft.com>
(C) Copyright 2009
Jean-Christophe PLAGNIOL-VILLARD <plagnioj@jcrosoft.com>
(C) Copyright 2009
Jon Smirl <jonsmirl@gmail.com>
(C) Copyright 2009
Kevin Morfitt, Fearnside Systems Ltd, <kevin.morfitt@fearnside-systems.co.uk>
(C) Copyright 2009
Matthias Fuchs, esd gmbh germany, matthias.fuchs@esd.eu
(C) Copyright 2009
Matthias Fuchs, esd gmbh, matthias.fuchs@esd.eu
(C) Copyright 2009
Matthias Kaehlcke <matthias@kaehlcke.net>
(C) Copyright 2009-2009 Net Insight <www.netinsight.net>
(C) Copyright 2009

Ryan CHEN, ST Micoelectronics, ryan.chen@st.com
(C) Copyright 2009
Ryan Chen, ST Micoelectronics, ryan.chen@st.com.
Vipin Kumar, ST Micoelectronics, vipin.kumar@st.com.
(C) Copyright 2009 Sergey Kubushyn, himself, ksi@koi8.net
(C) Copyright 2009-2012 Stefano Babic DENX Software Engineering sbabic@denx.de.
(C) Copyright 2009-2010 Vipin Kumar, STMicroelectronics, <vipin.kumar@st.com>
(C) Copyright 2009
Werner Pfister <Pfister_Werner@intercontrol.de>
(C) Copyright 2009
Wolfgang Grandegger, DENX Software Engineering, wg@denx.de.
(C) Copyright 2009 Alessandro Rubini
(C) Copyright 2009 Alessandro Rubini <rubini@unipv.it>
(C) Copyright 2009 Atin Malaviya (atin.malaviya@gmail.com)
(C) Copyright 2009 CJSC "NII STT", Russia, Smolensk
(C) Copyright 2009 Dave Srl www.dave.eu
(C) Copyright 2009 Detlev Zundel,
DENX Software Engineering, dzu@denx.de.
(C) Copyright 2009-2013 Faraday Technology
(C) Copyright 2009-2011 HALE electronic <helmut.raiger@hale.at>
(C) Copyright 2009 Ilya Yanok <yanok@emcraft.com>
(C) Copyright 2009 Ilya Yanok, Emcraft Systems Ltd <yanok@emcraft.com>
(C) Copyright 2009-2009 Industrie Dial Face S.p.A.
(C) Copyright 2009 Reinhard Arlt, reinhard.arlt@esd-electronics.com
(C) Copyright 2009-2013 SAMSUNG Electronics
(C) Copyright 2009-2011 ST-Ericsson
(C) Copyright 2009-2014 Samsung Electronics
(C) Copyright 2009 Semihalf, Grzegorz Bernacki
(C) Copyright 2009 Stefan Roese <sr@denx.de>
(C) Copyright 2009-2010 Wolfgang Denk <wd@denx.de>
(C) Copyright 2009, DAVE Srl <www.dave.eu>
(C) Copyright 2009, Value Team S.p.A.
Francesco Rendine, <francesco.rendine@valueteam.com>
(C) Copyright 2009-2011 Daniel Gorsulowski <daniel.gorsulowski@esd.eu>
esd electronic system design gmbh <www.esd.eu>
(C) Copyright 2009-2011 Eric Benard <eric@eukrea.com>
(C) Copyright 2009-2011 -2012
(C) Copyright 2009-2013 ADVANSEE
Beno t Thbaudeau <benoit.thebaudeau@advansee.com>
(C) Copyright 2009-2014
Gerald Kerma <dreagle@doukki.net>
Marvell Semiconductor <www.marvell.com>
(C) Copyright 2010-2014 NVIDIA Corporation <www.nvidia.com>
(C) Copyright 2010
Achim Ehrlich <aehrlich@taskit.de>
taskit GmbH <www.taskit.de>
(C) Copyright 2010
Alistair Buxton <a.j.buxton@gmail.com>
(C) Copyright 2010-2010 Andreas Bießmann <andreas.devel@gmail.com>
(C) Copyright 2010
Armando Visconti, ST Micoelectronics, <armando.visconti@st.com>.
(C) Copyright 2010
David Mueller <d.mueller@elsoft.ch>
(C) Copyright 2010
Eastman Kodak Company, <www.kodak.com>

Michael Zaidman, <michael.zaidman@kodak.com>
(C) Copyright 2010-2012 ISEE 2007 SL, <www.iseebcn.com>
(C) Copyright 2010
Ilko Iliev <iliev@ronetix.at>
Asen Dimov <dimov@ronetix.at>
Ronetix GmbH <www.ronetix.at>
(C) Copyright 2010
Jason Kridner <jkridner@beagleboard.org>
(C) Copyright 2010
Klaus Steinhammer TTECH Control Gmbh kst@tttech.com
(C) Copyright 2010
Linaro LTD, www.linaro.org
(C) Copyright 2010
Lukas Roggli, KEYMILE Ltd, lukas.roggli@keymile.com
(C) Copyright 2010
Matt Waddel, <matt.waddel@linaro.org>
(C) Copyright 2010
Michael Zaidman, Kodak, michael.zaidman@kodak.com
post_word_
(C) Copyright 2010-2012 Nobuhiro Iwamatsu <nobuhiro.iwamatsu.yj@renesas.com>
(C) Copyright 2010
Ole Reinhardt <ole.reinhardt@thermotemp.de>
(C) Copyright 2010
Petr Stetiar <ynezz@true.cz>
(C) Copyright 2010-2010 Reinhard Meyer, EMK Elektronik, reinhard.meyer@emk-elektronik.de
(C) Copyright 2010
Reinhard Meyer, reinhard.meyer@emk-elektronik.de
(C) Copyright 2010
Texas Instruments, www.ti.com Aneesh V <aneesh@ti.com>
(C) Copyright 2010
Ilya Yanok, Emcraft Systems, yanok@emcraft.com
(C) Copyright 2010 egnite GmbH
(C) Copyright 2010 3ality Digital Systems
(C) Copyright 2010-2011 Andes Technology
(C) Copyright 2010 DAVE Srl <www.dave.eu>
(C) Copyright 2010-2011 DENX Software Engineering,
(C) Copyright 2010-2013 Linaro
(C) Copyright 2010 Stefano Babic <sbabic@denx.de>
(C) Copyright 2010 ifm ecomatic GmbH
(C) Copyright 2010, Chris Zhang <chris@seamicro.com>
(C) Copyright 2010, Damien Dusha, <d.dusha@gmail.com>
(C) Copyright 2010-2012 , Stefano Babic <sbabic@denx.de>
(C) Copyright 2010, Thomas Chou <thomas@wytron.com.tw>
(C) Copyright 2010,2011 Nvidia Corporation.
(C) Copyright 2010,2011,2014
NVIDIA Corporation <www.nvidia.com>
(C) Copyright 2010-2011 Texas Instruments, <www.ti.com>
Mansoor Ahamed <mansoor.ahamed@ti.com>
(C) Copyright 2011
Alexander Holler <holler@ahsoftware.de>
(C) Copyright 2011
Andre Schwarz, Matrix Vision GmbH, andre.schwarz@matrix-vision.de
Michael Jones, Matrix Vision GmbH, michael.jones@matrix-vision.de
(C) Copyright 2011-2014 Andreas Bießmann <andreas.devel@googlemail.com>
(C) Copyright 2011

Andreas Bießmann, andreas.devel@googlemail.com
(C) Copyright 2011
Andreas Pretzsch, carpe noctem engineering, apr@cn-eng.de
(C) Copyright 2011
Helmut Raiger, HALE electronic GmbH, helmut.raiger@hale.at
(C) Copyright 2011
Holger Brunck, Keymile GmbH Hannover, holger.brunck@keymile.com
(C) Copyright 2011
Ilya Yanok, EmCraft Systems
(C) Copyright 2011-2011 Jason Cooper <u-boot@lakedaemon.net>
(C) Copyright 2011-2012 Joe Hershberger, National Instruments, joe.hershberger@ni.com
(C) Copyright 2011
Julius Baxter, julius@opencores.org
(C) Copyright 2011-2011 Linaro Linus Walleij <linus.walleij@linaro.org>
(C) Copyright 2011-2011 Logic Product Development <www.logicpd.com>
(C) Copyright 2011
Marvell Inc, <www.marvell.com>
(C) Copyright 2011
Matthias Weisser <weisserm@arcor.de>
(C) Copyright 2011-2012 eInfochips Ltd. <www.einfochips.com>
(C) Copyright 2011 egnite GmbH <info@egnite.de>
(C) Copyright 2011 marcel@mesa.nl, Mesa Consulting B.V.
(C) Copyright 2011 Daniel Schwierzeck, daniel.schwierzeck@googlemail.com.
(C) Copyright 2011 Julius Baxter <julius@opencores.org>
(C) Copyright 2011
Shawn Lin, Andes Technology Corporation <nobuhiro@andestech.com>
Macpaul Lin, Andes Technology Corporation <macpaul@andestech.com>
(C) Copyright 2011-2012 Texas Instruments Incorporated - http://www.ti.com/
(C) Copyright 2011-2012 Valentin Longchamp, Keymile AG, valentin.longchamp@keymile.com
(C) Copyright 2011 - 2012 Samsung Electronics
Uma Shankar <uma.shankar@samsung.com>
Manjunatha C Achar <a.manjunatha@samsung.com>
(C) Copyright 2011-2014 CompuLab, Ltd. <www.compulab.co.il>
(C) Copyright 2011 ARM Limited
(C) Copyright 2011 Andes Technology Corp
Macpaul Lin <macpaul@andestech.com>
(C) Copyright 2011-2011 Bluewater Systems
(C) Copyright 2011 Comelit Group SpA
Luca Ceresoli <luca.ceresoli@comelit.it>
(C) Copyright 2011-2013 CompuLab, Ltd.
(C) Copyright 2011-2015 DENX Software Engineering GmbH
(C) Copyright 2011 Free Electrons
David Wagner <david.wagner@free-electrons.com>
(C) Copyright 2011 Guralp Systems Ltd.
Laurence Withers <lwithers@guralp.com>
(C) Copyright 2011 Helmut Raiger <helmut.raiger@hale.at>
(C) Copyright 2011 Ilya Yanok, Emcraft Systems
(C) Copyright 2011 Marvell Inc.
Lei Wen <leiwen@marvell.com>
(C) Copyright 2011 NVIDIA Corporation www.nvidia.com
(C) Copyright 2011 Stefan Kristiansson <stefan.kristiansson@saunalahti.fi>
(C) Copyright 2011-2012 Xilinx
(C) Copyright 2011, Ilya Yanok, Emcraft Systems
(C) Copyright 2011, Julius Baxter <julius@opencores.org>
(C) Copyright 2011, Missing Link Electronics

Joachim Foerster <joachim@missinglinkelectronics.com>
(C) Copyright 2011, Stefan Kristiansson <stefan.kristiansson@saunalahti.fi>
(C) Copyright 2011, Stefan Kristiansson, stefan.kristianssons@saunalahti.fi
(C) Copyright 2011,2012
Avionic Design GmbH <www.avionic-design.de>
(C) Copyright 2011-2013 Avionic Design GmbH <www.avionic-design.de>
(C) Copyright 2011-2013 Pali Rohár <pali.rohar@gmail.com>
(C) Copyright 2012-2014 Albert ARIBAUD <albert.u.boot@aribaud.net>
(C) Copyright 2012
Allwinner Technology Co., Ltd. <www.allwinnertech.com>
Tom Cubie <tangliang@allwinnertech.com>
(C) Copyright 2012
Amit Virdi, ST Microelectronics, amit.virdi@st.com.
(C) Copyright 2012
Atmel Semiconductor <www.atmel.com>
(C) Copyright 2012
Corscience GmbH & Co. KG
Thomas Weber <weber@corscience.de>
(C) Copyright 2012-2013 Corscience GmbH & Co. KG, <www.corscience.de>
(C) Copyright 2012
DENX Software Engineering, Anatolij Gustschin <agust@denx.de>
(C) Copyright 2012-2014 Dirk Eibach, Guntermann & Drunck GmbH, dirk.eibach@gdsys.cc
(C) Copyright 2012
Gumstix Incorporated, <www.gumstix.com>
Maintainer: Ash Charles <ash@gumstix.com>
(C) Copyright 2012-2013 Henrik Nordstrom <henrik@henriknordstrom.net>
(C) Copyright 2012
Holger Brunck, Keymile GmbH Hannover, <holger.brunck@keymile.com>
Christian Herzig, Keymile AG Switzerland, <christian.herzig@keymile.com>
(C) Copyright 2012
Ilya Yanok <ilya.yanok@gmail.com>
(C) Copyright 2012
Ilya Yanok, <ilya.yanok@gmail.com>
(C) Copyright 2012
Ilya Yanok, ilya.yanok@gmail.com
(C) Copyright 2012
Joe Hershberger <joe.hershberger@ni.com>
(C) Copyright 2012 Konstantin Kozhevnikov, Cogent Embedded
(C) Copyright 2012
Lei Wen <leiwen@marvell.com>, Marvell Inc.
(C) Copyright 2012-2012 Markus Hubig <mhubig@imko.de>
(C) Copyright 2012
NVIDIA Inc, <www.nvidia.com>
(C) Copyright 2012-2012 Pavel Herrmann <morpheus.ibis@gmail.com>
(C) Copyright 2012
Valentin Lontgchamp, Keymile AG, valentin.longchamp@keymile.com
(C) Copyright 2012 <freemangordon@abv.bg>
(C) Copyright 2012-2014 Bo Shen <voice.shen@atmel.com>
(C) Copyright 2012
Jorgen Lundman <lundman at lundman.net>
(C) Copyright 2012
Stefan Bigler, Keymile AG, stefan.bigler@keymile.com
(C) Copyright 2012
Thomas Weber <weber@corscience.de>
(C) Copyright 2012 ATMEL, Hong Xu

(C) Copyright 2012 Lucas Stach
(C) Copyright 2012 Stephen Warren
(C) Copyright 2012 The 2012 The Chromium Authors
(C) Copyright 2012, Stefan Roese <sr@denx.de>
(C) Copyright 2012-
Markus Hubig <mhubig@imko.de>
IMKO GmbH <www.imko.de>
(C) Copyright 2012-2013, Xilinx, Michal Simek
(C) Copyright 2012-2013 ,2015 Stephen Warren
(C) Copyright 2007-2014 Marvell Semiconductor <www.marvell.com>
(C) Copyright 2013 Guilherme Maciel Ferreira <guilherme.maciel.ferreira@gmail.com>
(C) Copyright 2013
Afzal Mohammed <afzal.mohd.ma@gmail.com>
(C) Copyright 2013
Andre Przywara, Linaro <andre.przywara@linaro.org>
(C) Copyright 2013-2013 David Feng <fenghua@phytium.com.cn>
(C) Copyright 2013-2014 Dirk Eibach, Guntermann & Drunck GmbH, dirk.eibach@gdsys.cc
(C) Copyright 2013
Faraday Technology Corporation. <http://www.faraday-tech.com/tw/>
Kuo-Jung Su <dantesu@gmail.com>
(C) Copyright 2013
Gumstix Inc. <www.gumstix.com>
Maintainer: Ash Charles <ash@gumstix.com>
(C) Copyright 2013
Reinhard Pfau, Guntermann & Drunck GmbH, reinhard.pfau@gdsys.cc
(C) Copyright 2013
Sergey Kostanbaev < sergey.kostanbaev <at> fairwaves.ru >
(C) Copyright 2013 Texas Instruments Inc, <www.ti.com>
(C) Copyright 2013
Viktar Palstsiuk, Promwad, viktar.palstsiuk@promwad.com
(C) Copyright 2013
Josh Wu <josh.wu@atmel.com>
Atmel corporation <www.atmel.com>
(C) Copyright 2013
Mateusz Kulikowski <mateusz.kulikowski@gmail.com>
(C) Copyright 2013
Sergey Kostanbaev <sergey.kostanbaev <at> fairwaves.ru>
(C) Copyright 2013-2014 Xilinx, Inc
(C) Copyright 2013 ADVANSEE
Beno&#xFFFD;&#xFFFD;t Th&#xFFFD;&#xFFFD;baudeau <benoit.thebaudeau@advansee.com>
(C) Copyright 2013 Adeneo Embedded <www.adeneo-embedded.com>
(C) Copyright 2013 Altera Corporation <www.altera.com>
(C) Copyright 2013 Inc. Xilinx
(C) Copyright 2013 Keymile AG
Valentin Longchamp <valentin.longchamp@keymile.com>
(C) Copyright 2013 Luke Kenneth Casson Leighton <lkcl@lkcl.net>
(C) Copyright 2013 Maxime Ripard <maxime.ripard@free-electrons.com>
(C) Copyright 2013 O.S. Systems Software LTDA.
(C) Copyright 2013-2013 Oliver Schinagl <oliver@schinagl.nl>
(C) Copyright 2013 Patrice Bouchand <pbfwdlist_gmail_com>
lzma uncompress command in Uboot
(C) Copyright 2013 Philippe Reynes <tremyfr@yahoo.fr>
(C) Copyright 2013 Siemens AG
(C) Copyright 2013-2013 Siemens Schweiz AG
(C) Copyright 2013 Thomas Petazzoni

<thomas.petazzoni@free-electrons.com>
(C) Copyright 2013-2014 Luc Verhaegen <libv@skynet.be>
(C) Copyright 2014
Marcel Ziswiler <marcel@ziswiler.com>
(C) Copyright 2014 Stefan Agner <stefan@agner.ch>
(C) Copyright 2014-2014 Chen-Yu Tsai <wens@csie.org>
(C) Copyright 2014
Gabriel Huau <contact@huau-gabriel.fr>
(C) Copyright 2014
Stephen Warren swarren@wwwdotorg.org
(C) Copyright 2014-2014 Vikas Manocha, ST Micoelectronics, vikas.manocha@st.com
(C) Copyright 2014
Vikas Manocha, STMicroelectronics, <vikas.manocha@st.com>
(C) Copyright 2014
Vikas Manocha, ST Microelectronics, vikas.manocha
(C) Copyright 2014-2015 Angelo Dureghello <angelo@sysam.it>
(C) Copyright 2014-2014 - 2015 Xilinx, Inc.
(C) Copyright 2014 3
(C) Copyright 2014-2014 Google, Inc
(C) Copyright 2014 Hans de Goede <hdegoede@redhat.com
(C) Copyright 2014-2015 Hans de Goede <hdegoede@redhat.com>
(C) Copyright 2014 Linaro, Ltd.
Rob Herring <robh@kernel.org>
(C) Copyright 2014 Pierrick Hascoet, Abilis Systems
(C) Copyright 2014 Red Hat Inc.
(C) Copyright 2014 Suriyan Ramasami
(C) Copyright 2014 Texas Instruments Incorporated - http://www.ti.com
(C) Copyright 2014 Texas Instruments Incorporated - http://www.ti.com
(C) Copyright 2014 Xilinx, Inc. Michal Simek
(C) Copyright 2014 stmicroelectronics
(C) Copyright 2014, Franck Jullien <franck.jullien@gmail.com>
(C) Copyright 2014, Xilinx, Inc
(C) Copyright 2015
(C) Copyright 2014
Heiko Schocher, DENX Software Engineering, hs@denx.de.
Copyright (C) 2012 Freescale Semiconductor, Inc.
(C) Copyright 2015 Linus Walleij, Linaro
(C) Copyright 2015
Stephen Warren <swarren@wwwdotorg.org>
(C) Copyright 2015 ECA Sinters
(C) Copyright Andreas Gal 1999
(C) Copyright Deti Fliegl 1999 (new USB architecture)
(C) Copyright Gregory P. Smith 1999
(C) Copyright Johannes Erdfelt 1999-2001
(C) Copyright Linus Torvalds 1999
(C) Copyright Motorola, Inc., 2000
(C) Copyright Randy Dunlap 2000
(C) Copyright Siemens AG
(C) Copyright TechNexion 2010
Edward Lin <linuxfae@technexion.com>
(C) Copyright: 2013
Gumstix, Inc - http://www.gumstix.com
Maintainer: Ash Charles <ash@gumstix.com>
(C) Dustin McIntire (dustin@sensoria.com)
(C) Dustin McIntire (dustin@sensoria.com)

(C) 2007,2008 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
(C) 2008 Yusuke Goda <goda.yusuke@renesas.com>
(C) Heiko Schocher, DENX Software Engineering, hs@denx.de.
(C) Mar 2003 Kai-Uwe Bloem <kai-uwe.bloem@auerswald.de>,
(C) Masami Komiya <mkomiya@sonare.it> 2004
(C) Masami Komiya <mkomiya@sonare.it> 2005
(C) Masami Komiya <mkomiya@sonare.it> 2005
Copyright 2009, Robin Getz <rgetz@blackfin.uclinux.org>
(C)Copyright 1997-1998 DAVICOM Semiconductor,Inc. All Rights Reserved.
(c) 1995, DKG Display Tech.
(c) 1995, Dionne & Associates
(c) 1997 Martin Mares <mj@atrey.karlin.mff.cuni.cz>
(c) 1999 Machine Vision Holdings, Inc.
(c) 1999, 2000 David Woodhouse <dwmw2@infradead.org>
(c) 1999-2001 Georg Acher, acher@in.tum.de
Deti Fliegl, deti@fliegl.de Thomas Sailer,
(c) 1999-2002 Matthew Dharm (mdharm-usb@one-eyed-alien.net)
(c) 2000 David L. Brown, Jr. (usb-storage@davidb.org)
(c) 1999 Michael Gee (michael@linuxspecific.com)
(c) 2000 Yggdrasil Computing, Inc.
(c) 2000 Yggdrasil Computing, Inc.
(c) 2000 David L. Brown, Jr. (usb-storage@davidb.org)
(c) 1999 Michael Gee (michael@linuxspecific.com)
(c) 2000 Yggdrasil Computing, Inc.
(c) 2001, Dave Jones. (the file handling bit)
(c) 2005, Joel Schopp <jschopp@austin.ibm.com> (the ugly bit)
(c) 2007,2008, Andy Whitcroft <apw@uk.ibm.com> (new conditions, test su
(c) 2002-2011 by MPL AG Switzerland
(c) 2003 by MPL AG Switzerland,
(c) 2004 Sascha Hauer <sascha@saschahauer.de>
(c) 2005, Joel Schopp <jschopp@austin.ibm.com>
(c) 2007,2008, Andy Whitcroft <apw@uk.ibm.com>
(c) 2008-2010 Andy Whitcroft
(c) 2006-2006 Ivan Danov
(c) 2007 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
(c) 2007 Pengutronix, Sascha Hauer <s.hauer@pengutronix.de>
(c) 2007 Sascha Hauer <s.hauer@pengutronix.de>
(c) 2007, Joe Perches <joe@perches.com>
(c) 2007,2008, Andy Whitcroft <apw@uk.ibm.com>
(c) 2008-2010 Andy Whitcroft <apw@canonical.com>
(c) 2008-2009 esd gmbh.
(C) Copyright 2006
Wolfgang Denk, DENX Software Engineering, wd@denx.de.
Reinhard Arlt <reinhard.arlt@esd-electronics.com>
(c) 2009 Emcraft Systems, Ilya Yanok <yanok@emcraft.com>
(c) 2009 Ilya Yanok, Emcraft Systems <yanok@emcraft.com>
(c) 2009 Magnus Lilja <lilja.magnus@gmail.com>
(c) 2010 Broadcom
(c) 2010-2011 Graf-Syteco, Matthias Weisser
(c) 2011 Bticino s.p.a, Roberto Cerati <roberto.cerati@bticino.it>
(c) 2011 Comelit Group SpA, Luca Ceresoli <luca.ceresoli@comelit.it>
(c) 2011 Marek Vasut <marek.vasut@gmail.com>
(c) 2012 Daniel Stodden <daniel.stodden@gmail.com>
(c) Copyright 2000 Oleg Drokin <green@crimea.edu>
Alan Cox <alan@lxorguk.ukuu.org.uk>

(c) Copyright 2004 Faraday Technology Corp. (www.faraday-tech.com)
Oleg Drokin <green@crimea.edu>
Alan Cox <alan@redhat.com>
(c) Copyright 2008 Nobuhiro Iwamatsu <iwamatsu.nobuhiro@renesas.com>
(c) Copyright 2008 Renesas Solutions Corp.
(c) Copyright 2010
Arcturus Networks Inc. <www.arcturusnetworks.com>
(c) Copyright 2011 by Tigris Elektronik GmbH
(c) Copyright 2012 by National Instruments,
Joe Hershberger <joe.hershberger@ni.com>
(c) Copyright 2013 Oliver Schinagl <oliver@schinagl.nl>
http://linux-sunxi.org
(c) Wojtek Skulski 2010 info@skutek.com http://www.skutek.com
Copyright (c) 2005-2009 Analog Devices Inc.
(c)Copyright 2006-2013
Allwinner Technology Co., Ltd. <www.allwinnertech.com>
Berg Xing <bergxing@allwinnertech.com>
Tom Cubie <tangliang@allwinnertech.com>
2003 (C) Wolfgang Denk, DENX Software Engineering, wd@denx.de.
2003 (c) MontaVista, Software, Inc.
2004 (c) MontaVista Software, Inc.
(c) 2006 mycable GmbH Alexander Bigga <ab@mycable.de>,
2009 (C) Wolfgang Denk, DENX Software Engineering, wd@denx.de.
COPYRIGHT AMCC CORPORATION 2004
COPYRIGHT I B M CORPORATION 1995
COPYRIGHT (C) 2005 SYNOPSYS, INC. ALL RIGHTS RESERVED
COPYRIGHT (c) 2000 BY ABATRON AG
CPUAT91 by (C) Copyright 2006-2010 Eric Benard
eric@eukrea.com
Copyright 2002 by Kai Germaschewski <kai.germaschewski@gmx.de>
Copyright (C) 2008-2013 Renesas Solutions Corp.
Copyright (C) 2008-2014 Nobuhiro Iwamatsu <nobuhiro.iwamatsu.yj@renesas.com>
Copyright (C) 1984, 1989-1990, 2000-2011 Free Software Foundation, Inc.
Copyright (C) 1985 MIPS Computer Systems, Inc.
Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Copyright (C) 1989-2013 Free Software Foundation, Inc.
Copyright (C) 1990 - 1992, 1999 Silicon Graphics, Inc.
Copyright (C) 1990-1999 by Silicon Graphics, Inc.
Copyright (C) 1991-1999 Linus Torvalds
Copyright (C) 1991, 1992, 1993 Linus Torvalds
Copyright (C) 1991, 1992, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2004,
2005 Free Software Foundation, Inc.
Copyright (C) 1991,1992,1993,1997,1998,2003, 2005 Free Software Foundation, Inc.
Copyright (C) 1991,1996-1999,2001,2004,2007 Free Software Foundation, Inc.
Copyright (C) 1991-2004 SciTech Software, Inc.
Copyright (C) 1991-2004 SciTech Software, Inc. All rights reserved.
Copyright (C) 1992, 1994 Theodore Ts'o.
Copyright (C) 1993, 1995, 1996, 1997, 2002 Free Software Foundation, Inc.
Copyright (C) 1993, 1996, 2001, 2002 Free Software Foundation, Inc.
Copyright (C) 1993, 2003, 2004, 2005, 2006, 2007
Free Software Foundation, Inc.
Copyright (C) 1994 - 1999 by Ralf Baechle
Copyright (C) 1994 - 2000 Ralf Baechle
Copyright (C) 1994-1995 David S. Miller (davem@caip.rutgers.edu)

Copyright (C) 1994-1995 Hamish Macdonald
Copyright (C) 1994 Waldorf GMBH
Copyright (C) 1994, 1995 Waldorf GmbH
Copyright (C) 1994, 1995, 1996 by Ralf Baechle
Copyright (C) 1994, 1995, 1996, 1997, 2000, 2001 by Ralf Baechle
Copyright (C) 1994, 1995, 1996, 1999 by Ralf Baechle
Copyright (C) 1994-1994 , 1995, 1997, 1998, 1999, 2000, 2001, 2002, 2003,
Copyright (C) 1994, 95, 96, 97, 98, 99, 2000 by Ralf Baechle
Copyright (C) 1994, 95, 99, 2003 by Ralf Baechle
Copyright (C) 1994-2013 Russell King
Copyright (C) 1995 David S. Miller <davem@caip.rutgers.edu>
Copyright (C) 1995, 1996, 1997, 1998, 1999, 2001, 2002, 2003 Ralf Baechle
Copyright (C) 1995, 1996, 1997, 1999, 2000 Free Software Foundation, Inc.
Copyright (C) 1995, 1996, 1997, 1999, 2001 by Ralf Baechle
, 2003-2013 Free Software Foundation, Inc.
Copyright (C) 1995, 1999 Silicon Graphics
Copyright (C) 1995, 1999 by Ralf Baechle
Copyright (C) 1995-1996 Gary Thomas (gdt@linuxppc.org)
Copyright (C) 1995-2005 Mark Adler
Copyright (C) 1995-1999, 2000 Free Software Foundation, Inc.
Copyright (C) 1995-2010 Jean-loup Gailly and Mark Adler
Copyright (C) 1995-2010 Jean-loup Gailly.
Copyright (C) 1996 Larry Ewing (lewing@isc.tamu.edu)
Copyright (C) 1996 Paul M. Antoine
Copyright (C) 1996 Paul Mackerras.
Copyright (C) 1996-1996 by Erik Stahlman (ES)
Copyright (C) 1996 by Paul M. Antoine
Copyright (C) 1996, 1997, 1998, 2000 by Ralf Baechle
Copyright (C) 1996, 1999, 2001 David S. Miller (davem@redhat.com)
Copyright (C) 1996, 1999, 2001 Ralf Baechle
Copyright (C) 1996, 99 Ralf Baechle
Copyright (C) 1996, 99, 2003 by Ralf Baechle
Copyright (C) 1996,1998 Jakub Jelinek (jj@sunsite.mff.cuni.cz)
Copyright (C) 1996-2002 Julian R Seward. All rights reserved.
Copyright (C) 1996-2002 Markus Franz Xaver Johannes Oberhumer
All Rights Reserved.
Copyright (C) 1996-2005 Markus F.X.J. Oberhumer <markus@oberhumer.com>
Copyright (C) 1997 Sten Wang
Copyright (C) 1997, 1999, 2001, 06 by Ralf Baechle
Copyright (C) 1997-1999 Russel King
Copyright (C) 1997-2001, 2004, 2007 Free Software Foundation, Inc.
Copyright (C) 1998-1998 Dan Malek <dmalek@jlc.net>
Copyright (C) 1998 Kenneth Albanowski <kjahds@kjahds.com>
Copyright (C) 1998 D. Jeff Dionne <jeff@ryeham.ee.ryerson.ca>,
Kenneth Albanowski <kjahds@kjahds.com>,
The Silver Hammer Group, Ltd.
Copyright (C) 1998 David S. Miller (davem@redhat.com)
Copyright (C) 1998 Gabriel Paubert.
Copyright (C) 1998, 1999 D. Jeff Dionne <jeff@uclinux.org>
Copyright (C) 1998, 1999, 2000, 2001, 2002 Red Hat, Inc.
Copyright (C) 1999-1999 Magnus Damm <kieraypc01.p.y.kie.era.ericsson.se>
Copyright (C) 1999 Vladimir Gurevich <vgurevic@cisco.com>
Copyright (C) 1999 2000 2001 Erik Mouw (J.A.K.Mouw@its.tudelft.nl)
Copyright (C) 1999-1999 2000 2001 Erik Mouw (J.A.K.Mouw@its.tudelft.nl) and
Copyright (C) 1999 Ben Williamson <benw@pobox.com>

Copyright (C) 1999 David A. Hinds. All Rights Reserved.
Copyright (C) 1999 David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (C) 1999 Egbert Eich
Copyright (C) 1999 Hewlett-Packard Co
Copyright (C) 1999 Machine Vision Holdings, Inc.
Copyright (C) 1999-2000 Niibe Yutaka
Copyright (C) 1999, 2000 Niibe Yutaka & Kaz Kojima
Copyright (C) 1999-2005 Silicon Graphics, Inc.
Copyright (C) 1999, 2000, 2004 MIPS Technologies, Inc.
Copyright (C) 1999-2005 Igor Pavlov
Copyright (C) 2000 Murray Jensen <Murray.Jensen@cmst.csiro.au>
Copyright (C) 2000-2013 Wolfgang Denk <wd@denx.de>
Copyright (C) 2000 Damjan Lampret
Copyright (C) 2000 FSMLabs, Inc.
Copyright (C) 2000-2001 MIPS Technologies, Inc.
Copyright (C) 2000-2001 Ronald G. Minnich
Copyright (C) 2000-2000 Steven J. Hill (sjhill@realitydiluted.com)
Copyright (C) 2000 by Lineo, Inc., and
Copyright (C) 2000, 07 MIPS Technologies, Inc.
Copyright (C) 2000, 1 Tim Waugh <twaugh@redhat.com>
Copyright (C) 2000, 2001-2002 Wolfgang Denk <wd@denx.de>
Copyright (C) 2000-2004 Maciej W. Rozycki
Copyright (C) 2000, 2004, 2005 MIPS Technologies, Inc.
All rights reserved.
Copyright (C) 2000,2001 Larry Doolittle <larry@doolittle.boa.org>
Copyright (C) 2000,2007 Ronald G. Minnich <rminnich@gmail.com>
Copyright (C) 2000-2001 Deep Blue Solutions Ltd.
Copyright (C) 2000-2002 Transmeta Corporation
Copyright (C) 2000-2004 Steven J. Hill (sjhill@realitydiluted.com)
Toshiba America Electronics Components, Inc.
Copyright (C) 2000-2005, DENX Software Engineering
Wolfgang Denk <wd@denx.de>
Copyright (C) 2001 Alex Zuepke <azu@sysgo.de>
Copyright (C) 2001 Marius Groger <mag@sysgo.de>
Copyright (C) 2001 Sysgo Real-Time Solutions, GmbH <www.elinos.com>
Andreas Heppel <aheppel@sysgo.de>
Copyright (C) 2001 Erik Mouw (J.A.K.Mouw@its.tudelft.nl)
Copyright (C) 2001 Simon Huggins
Copyright (C) 2001 Entity Cyber, Inc.
Copyright (C) 2001 Peter Bergner, IBM Corp.
Copyright (C) 2001 Peter Bergner.
Copyright (C) 2001 Red Hat, Inc.
Copyright (C) 2001-2001 Standard Microsystems Corporation (SMSC)
Copyright (C) 2001, Russ Dill
Copyright (C) 2001, Software Center, Motorola China.
Copyright (C) 2001,02 Miles Bader <miles@gnu.org>
Copyright (C) 2001,02 NEC Corporation
Copyright (C) 2001-2002 Miles Bader <miles@gnu.org>
Copyright (C) 2001-2002 NEC Corporation
Copyright (C) 2001-2002, Marko Mlinar, markom@opencores.org
Copyright (C) 2001-2006 Christophe Devine
Copyright (C) 2001-2003 David Woodhouse <dwmw2@infradead.org>
Copyright (C) 2002 Alex Zupke <azu@sysgo.de>
Copyright (C) 2002 Gary Jennejohn <garyj@denx.de>
Copyright (C) 2002 Kyle Harris <kharris@nexus-tech.net>

Copyright (C) 2002-2008 Paul Mundt
Copyright (C) 2002-2003 ETC s.r.o.
Copyright (C) 2002 Intrinsyc, Inc. (Frank Becker)
Copyright (C) 2002 Samsung Electronics SW.LEE <hitchcar@sec.samsung.com>
Copyright (C) 2002-2002 Scott McNutt <smcnutt@artesyncp.com>
Copyright (C) 2002 Thomas Gleixner (tglx@linutronix.de)
Copyright (C) 2002 rabeeh@galileo.co.il
Copyright (C) 2002, 2003, 2004 Dell Inc.
by Matt Domsch <Matt_Domsch@dell.com>
Copyright (C) 2002-2003 Greg Ungerer <gerg@snapgear.com>
Copyright (C) 2002-2003 Romain Lievin <roms@tilp.info>
Copyright (C) 2002-2003 SnapGear Inc
Copyright (C) 2002-2005 Roman Zippel <zippel@linux-m68k.org>
Copyright (C) 2002-2005 Sam Ravnborg <sam@ravnborg.org>
Copyright (C) 2002-2011 Aleph One Ltd.
Copyright (C) 2003 John Williams (jwilliams@itee.uq.edu.au)
Copyright (C) 2003 Josef Baumgartner <josef.baumgartner@telex.de>
Copyright (C) 2003 Kai-Uwe Bloem <kai-uwe.bloem@auerswald.de>
Copyright (C) 2003 Kshitij <kshitij@ti.com>
Copyright (C) 2003 Richard Woodruff <r-woodruff2@ti.com>
Copyright (C) 2003 Robert Schwebel <r.schwebel@pengutronix.de>
Copyright (C) 2003-2003 John Williams <jwilliams@itee.uq.edu.au>
Copyright (C) 2003 Manuel Novoa III <mjn3@codepoet.org>
Copyright (C) 2003 Martin Winistoerfer, martinwinistoerfer@gmx.ch.
Copyright (C) 2003 Motorola,Inc.
Copyright (C) 2003 Arabella Software Ltd.
Yuli Barcohen <yuli@arabellasw.com>
Copyright (C) 2003 Benedikt Spranger, Pengutronix
Copyright (C) 2003-2003 Bernardo Innocenti <bernie@develer.com>
Copyright (C) 2003 Cirrus Logic, Inc
Copyright (C) 2003-2009 David Brownell
Copyright (C) 2003 Joshua Wise
Copyright (C) 2003 Kai-Uwe Bloem,
Auerswald GmbH & Co KG, <linux-development@auerswald.de>
Copyright (C) 2003 Konrad Eisele <eiselekd@web.de>
Copyright (C) 2003 Matjaz Breskvar <phoenix@bsemi.com>
Copyright (C) 2003 Montavista Software, Inc
Copyright (C) 2003 Motorola
Copyright (C) 2003 Motorola Inc.
Xianghua Xiao (x.xiao@motorola.com)
Copyright (C) 2003 Robert Schwebel <r.schwebel@pengutronix.de>, Pengutronix
Copyright (C) 2003 Robert Schwebel, Pengutronix
Copyright (C) 2003 Travis B. Sawyer <travis.sawyer@sandburst.com>
Copyright (C) 2003-2007 Wolfgang Denk, DENX Software Engineering, wd@denx.de
Copyright (C) 2003 by Arthur van Hoff (avh@strangeberry.com)
Copyright (C) 2003-2004 Linux Networx
Copyright (C) 2003-2004 Robert Schwebel, Benedikt Spranger
Copyright (C) 2003-2004, Greg Ungerer (gerg@snapgear.com)
Copyright (C) 2003-2010 Nokia Corporation
Copyright (C) 2003-2005,2008 David Brownell
Copyright (C) 2003-2006 Ronald G. Minnich <rminnich@gmail.com>
Copyright (C) 2003-2003 -2008 Alan Stern
Copyright (C) 2004 Texas Instruments <r-woodruff2@ti.com>
Copyright (C) 2004 Ed Okerson
Copyright (C) 2004 Gaisler Research AB

Copyright (C) 2004 Gary Jennejohn garyj@denx.de
Copyright (C) 2004 Herbert Poetzl <herbert@13thfloor.at>
Copyright (C) 2004 Lothar Wassmann
Copyright (C) 2004 Nick Barker
Copyright (C) 2004 Patrik Kluba,
Copyright (C) 2004 PaulReynolds@lhsolutions.com
Copyright (C) 2004 Psion Teklogix
Copyright (C) 2004 Ray Lehtiniemi
Copyright (C) 2004 SUSE LINUX AG
Copyright (C) 2004 Sascha Hauer, Synertronixx GmbH
Copyright (C) 2004 Stefan Holst <mail@s-holst.de>
Copyright (C) 2004 Sylvain Munaut <tnt@246tNt.com>
Copyright (C) 2004-2014 Texas Instruments.
Copyright (C) 2004 by David Brownell
Copyright (C) 2004 by FS Forth-Systeme GmbH.
All rights reserved.
Copyright (C) 2004-2005 Cory T. Tusar, Videon Central, Inc., <ctusar@videon-central.com>
Copyright (C) 2004, 2007-2010, 2011-2012 Synopsys, Inc. All rights reserved.
Copyright (C) 2004, 2007-2010, 2011-2014 Synopsys, Inc. All rights reserved.
Copyright (C) 2004, 2007-2010, 2011-2015 Synopsys, Inc. All rights reserved.
Copyright (C) 2004-2005 Li-Ta Lo <ollie@lanl.gov>
Copyright (C) 2004-2015 Atmel Corporation
Copyright (C) 2004-2011 -2014 Freescale Semiconductor, Inc.
Copyright (C) 1999-2007 ARM Limited.
Copyright (C) 2004-2007 Freescale Semiconductor, Inc.
Hayden Fraser (Hayden.Fraser@freescale.com)
Copyright (C) 2004-2009 Freescale Semiconductor, Inc.
TsiChung Liew (Tsi-Chung.Liew@freescale.com)
Copyright (C) 2004-2007, 2010 Freescale Semiconductor, Inc.
Copyright (C) 2004-2004 -2007, 2012 Freescale Semiconductor, Inc.
Copyright (C) 2004-2008 , 2012 Freescale Semiconductor, Inc.
TsiChung Liew (Tsi-Chung.Liew@freescale.com)
Copyright (C) 2004-2008 Arthur Shipkowski (art@videon-central.com)
Copyright (C) 2004-2008,2010-2011 Freescale Semiconductor, Inc.
Copyright (C) 2004-2013 Texas Instruments Incorporated - http://www.ti.com/
Copyright (C) 2005 Bas Vermeulen, BuyWays BV <bas@buyways.nl>
Copyright (C) 2005 HP Labs
Copyright (C) 2005 Ivan Kokshaysky
Copyright (C) 2005 Matthias Blaschke <blaschke at synertronixx.de>
Copyright (C) 2005 Nick.Barker9@btinternet.com
Copyright (C) 2005 Olav Kongas <ok@artecdesign.ee>
Copyright (C) 2005-2007 Ralf Baechle (ralf@linux-mips.org)
Copyright (C) 2005 Torsten Koschorrek <koschorrek at synertronixx.de>
Copyright (C) 2005 Tyan (written by Yinghai Lu for Tyan)
Copyright (C) 2005 Videon Central, Inc.
Copyright (C) 2005-2009 for Samsung Electronics
, 2007-2014 Freescale Semiconductor, Inc.
Copyright (C) 2005-2006 Tyan
Copyright (C) 2005-2008 by Texas Instruments
Copyright (C) 2005-2008 Samsung Electronics
Kyungmin Park <kyungmin.park@samsung.com>
Copyright (C) 2005-2007 Samsung Electronics.
Kyungmin Park <kyungmin.park@samsung.com>
Copyright (C) 2005-2008 -2009 Samsung Electronics
Copyright (C) 2005-2010 coresystems GmbH

Copyright (C) 2005-2012 Randy Dunlap
Copyright (C) 2005-2012 -2013 Atmel Corporation
Copyright (C) 2006-2013 Andes Technology Corporation
Copyright (C) 2006 Shawn Lin <nobuhiro@andestech.com>
Copyright (C) 2006-2006 Dominic Rath <Dominic.Rath@gmx.de>
Copyright (C) 2006 Tolunay Orkun <listmember@orkun.us>
Copyright (C) 2006 Bryan O'Donoghue, CodeHermit
bodonoghue@codehermit.ie
Copyright (C) 2006 Cirrus Logic Inc.
Copyright (C) 2006-2012 David Gibson, IBM Corporation.
Copyright (C) 2006 Micronas GmbH
Copyright (C) 2006 Pavel Pisa, PiKRON <ppisa@pikron.com>
Copyright (C) 2006 Thomas Gleixner <tglx@linutronix.de>
Copyright (C) 2006 by Bryan O'Donoghue, CodeHermit
bodonoghue@CodeHermit.ie
Copyright (C) 2006 by Weiss-Electronic GmbH.
All rights reserved.
Copyright (C) 2006, 2007 University of Szeged, Hungary
Copyright (C) 2006-2007 Eurotech S.p.A. <info@eurotech.it>
Copyright (C) 2006-2007 Rodolfo Giometti <giometti@linux.it>
Copyright (C) 2007 Daniel Hellstrom, Gaisler Research, daniel@gaisler.com
Copyright (C) 2007-2007 Kenati Technologies, Inc.
Copyright (C) 2007-2011 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
Copyright (C) 2007-2008 Advanced Micro Devices, Inc.
Copyright (C) 2007 Andrew Victor
Copyright (C) 2007-2008 Daniel Hellstrom (daniel@gaisler.com)
Copyright (C) 2007 Daniel Hellstrom <daniel@gaisler.com>
Copyright (C) 2007 Eurotech S.p.A. <info@eurotech.it>
Copyright (C) 2007 Gerald Van Baren, Custom IDEAS, vanbaren@cideas.com
Copyright (C) 2007 Logic Product Development, Inc.
Peter Barada <peterb@logicpd.com>
Copyright (C) 2007 Marvell International Ltd.
eric miao <eric.miao@marvell.com>
Copyright (C) 2007 Pengutronix,
Sascha Hauer <s.hauer@pengutronix.de>
Copyright (C) 2007 RightHand Technologies, Inc.
Copyright (C) 2007 Sascha Hauer, Pengutronix
Copyright (C) 2007 Semihalf
Copyright (C) 2007-2009 Sergey Kubushyn <ksi@koi8.net>
Copyright (C) 2007 Stefan Roese <sr@denx.de>, DENX Software Engineering
Copyright (C) 2007,
Daniel Hellstrom, daniel@gaisler.com
Copyright (C) 2007, 2008, 2010
Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
Copyright (C) 2007,2008 Nobobuhiro Iwamatsu <iwamatsu@nigauri.org>
Copyright (C) 2007-2010 Nobuhiro Iwamatsu
Copyright (C) 2007,2008,2010, 2014 Nobuhiro Iwamatsu
Copyright (C) 2007-2008 ,2010 Freescale Semiconductor, Inc.
Copyright (C) 2007-2008 Avionic Design Development GmbH
Copyright (C) 2007-2008 Freescale Semiconductor, Inc.
Dave Liu <daveliu@freescale.com>
Copyright (C) 2007-2009 Industrie Dial Face S.p.A.
Luigi 'Comio' Mantellini (luigi.mantellini@idf-hit.com)
Copyright (C) 2007-2008 Industrie Dial Face S.p.A.
Luigi 'Comio' Mantellini (luigi.mantellini@idf-hit.com)

Copyright (C) 2007-2008 SMSC (Steve Glendinning)
Copyright (C) 2007-2009 DENX Software Engineering
Copyright (C) 2007-2013 Texas Instruments, Inc.
Copyright (C) 2007-2008 -2009 coresystems GmbH
Copyright (C) 2008
Guennadi Liakhovetki, DENX Software Engineering, <lg@denx.de>
Copyright (C) 2008
Mark Jonas <mark.jonas@de.bosch.com>
Copyright (C) 2008-2013 Michal Simek <monstr@monstr.eu>
Copyright (C) 2008-2011 PetaLogix
Copyright (C) 2008 Altera Corporation.
Copyright (C) 2008 Darius Augulis <darius.augulis at teltonika.lt>
Copyright (C) 2008 Dave S.r.l. <www.dave.eu>
Copyright (C) 2008 Embedded Alley Solutions Inc.
Copyright (C) 2008 Embedded Alley Solutions, Inc.
Copyright (C) 2008 Intel Corp.
Copyright (C) 2008-2009 Jean-Christophe PLAGNIOL-VILLARD <plagnioj@jcrosoft.com>
Copyright (C) 2008 Kim B. Heino
Copyright (C) 2008 Lyrtech <www.lyrtech.com>
Copyright (C) 2008-2013 Magnus Damm
Copyright (C) 2008 Marvell Semiconductor
Copyright (C) 2008 Miromico AG
Copyright (C) 2008 Nir Tzachar <nir.tzachar@gmail.com
Copyright (C) 2008 Nissin Systems Co.,Ltd.
March 2008 created
Copyright (C) 2008-2009 Nobuhiro Iwamatsu <iwamatsu.nobuhiro@renesas.com>
Copyright (C) 2008 Nokia Corporation: drop_ffs() function by
Artem Bityutskiy <dedekind1@gmail.com> from mtd-utils
Copyright (C) 2008 Philip Balister, OpenSDR <philip@opensdr.com>
Copyright (C) 2008 Renaud CERRATO r.cerrato@til-technologies.fr
Copyright (C) 2008 Ronetix Ilko Iliev (www.ronetix.at)
Copyright (C) 2008 RuggedCom, Inc.
Richard Retanubun <RichardRetanubun@RuggedCom.com>
Copyright (C) 2008 Sascha Hauer, Pengutronix <s.hauer@pengutronix.de>
Copyright (C) 2008 Texas Instruments, Inc <www.ti.com>
Copyright (C) 2008-2010 The Android Open Source Project
Copyright (C) 2008 Vivek Kutal <vivek.kutal@azingo.com>
Copyright (C) 2008 Yusuke Goda <goda.yusuke@renesas.com>
Copyright (C) 2008 by Sascha Hauer <kernel@pengutronix.de>
Copyright (C) 2008, 2010 Embecosm Limited
Copyright (C) 2008,2009 Eric Jarrige <jorasse@users.sourceforge.net>
Copyright (C) 2008-2009 STMicroelectronics
Copyright (C) 2007-2009 Yoshihiro Shimoda <shimoda.yoshihiro@renesas.com>
Copyright (C) 2007-2009 MontaVista Software, Inc.
Copyright (C) 2008-2012 Analog Devices Inc.
Copyright (C) 2008-2009 Avionic Design GmbH
Thierry Reding <thierry.reding@avionic-design.de>
Copyright (C) 2008-2009 MontaVista Software Inc.
Copyright (C) 2008-2009 MontaVista Software, Inc. <source@mvista.com>
Copyright (C) 2008-2011 Texas Instruments Inc
Copyright (C) 2008-2013 Eric Jarrige <eric.jarrige@armadeus.org>
Copyright (C) 2009
Albin Tonnerre, Free Electrons <albin.tonnerre@free-electrons.com>
Copyright (C) 2009
Albin Tonnerre, Free-Electrons <albin.tonnerre@free-electrons.com>

Copyright (C) 2009
Guennadi Liakhovetski, DENX Software Engineering, <lg@denx.de>
Copyright (C) 2009
Matthias Kaehlcke <matthias <at> kaehlcke.net>
Copyright (C) 2009-2010 Matthias Kaehlcke <matthias@kaehlcke.net>
Copyright (C) 2009-2013 Heiko Schocher <hs@denx.de>
Copyright (C) 2009 Alessandro Rubini <rubini@unipv.it>
Copyright (C) 2009 BuS Elektronik GmbH & Co. KG
Jens Scharsig (esw@bus-elektronik.de)
Copyright (C) 2009-2009 Daniel Mack <daniel@caiaq.de>
Copyright (C) 2009-2009 Ilya Yanok <yanok@emcraft.com>
Copyright (C) 2009-2009 Ilya Yanok,
Copyright (C) 2009 Ilya Yanok, <yanok@emcraft.com>
Copyright (C) 2009 Jean-Christophe PLAGNIOL-VILLARD <plagnioj@jrosoft.com>
Copyright (C) 2009 Jean-Christopher PLAGNIOL-VILLARD <plagnioj@jcrosoft.com>
Copyright (C) 2009 Jens Scharsig (js_at_ng@scharsoft.de)
Copyright (C) 2009 Kuninori Morimoto <morimoto.kuninori@renesas.com>
Copyright (C) 2009 Marc Kleine-Budde <mkl@pengutronix.de>
Copyright (C) 2009 NVIDIA, Corporation
Copyright (C) 2009 Nick Thompson, GE Fanuc Ltd, <nick.thompson@gefanuc.com>
Copyright (C) 2009 Nick Thompson, GE Fanuc, Ltd. <nick.thompson@gefanuc.com>
Copyright (C) 2009 Nokia
Copyright (C) 2009 Pegatron Corporation
Copyright (C) 2009 Red Hat
Copyright (C) 2009 ST-Ericsson SA
Copyright (C) 2009-2011 Samsung Electrnoics
Copyright (C) 2009-2010 TechNexion Ltd.
Copyright (C) 2009-2010 Texas Instruments Incorporated
Copyright (C) 2009 by Jan Weitzel Phytec Messtechnik GmbH <armlinux@phytec.de>
Copyright (C) 2009-2009 by Jan Weitzel Phytec Messtechnik GmbH,
Copyright (C) 2009 by Lothar Wassmann <LW@KARO-electronics.de>
Copyright (C) 2009, DENX Software Engineering
Copyright (C) 2009, Emcraft Systems, Ilya Yanok <yanok@emcraft.com>
Copyright (C) 2009, Ilya Yanok, Emcraft Systems, <yanok@emcraft.com>
Copyright (C) 2009-2013 , Texas Instruments, Incorporated
Copyright (C) 2009-2010 Amit Kucheria <amit.kucheria@canonical.com>
Copyright (C) 2009-2010 DENX Software Engineering <wd@denx.de>
Copyright (C) 2009-2014 Freescale Semiconductor, Inc. All Rights Reserved.
Copyright (C) 2009-2012 Marek Vasut <marek.vasut@gmail.com>
Copyright (C) 2009-2010, Intel Corporation and its suppliers.
Copyright (C) 2009-2011 -2012
Copyright (C) 2009-2012 Genesi USA, Inc.
Copyright (C) 2010
Reinhard Meyer, reinhard.meyer@emk-elektronik.de
Copyright (C) 2010
Rob Emanuele <rob@emanuele.us>
Reinhard Meyer, EMK Elektronik <reinhard.meyer@emk-elektronik.de>
Copyright (C) 2010 Eric C. Cooper <ecc@cmu.edu>
Copyright (C) 2010-2012 Albert ARIBAUD <albert.u.boot@aribaud.net>
Copyright (C) 2010 Andreas Bießmann <biessmann.devel@googlemail.com>
Copyright (C) 2010 Dirk Behme <dirk.behme@googlemail.com>
Copyright (C) 2010-2014 Google Inc.
Copyright (C) 2010 Guennadi Liakhovetski <g.liakhovetski@gmx.de>
Copyright (C) 2010 Ilya Yanok, Emcraft Systems, yanok@emcraft.com
Copyright (C) 2010 Joakim Axelsson <joakim.axelsson AT stericsson.com>

Copyright (C) 2010-2012 Linaro Limited
Copyright (C) 2010 NISHIMOTO Hiroki
Copyright (C) 2010 Reinhard Meyer, EMK Elektronik
Copyright (C) 2010 Shawn Lin (nobuhiro@andestech.com)
Copyright (C) 2010 Thomas Chou <thomas@wytron.com.tw>
Copyright (C) 2010-2015 Xilinx, Inc. All rights reserved.
Copyright (C) 2010 by Joe Hershberger
Copyright (C) 2010, Marek Vasut <marek.vasut@gmail.com>
Copyright (C) 2010-2011 Freescale Semiconductor, Inc.
Terry Lv <r65388@freescale.com>
Copyright (C) 2010-2011 Jonas Bonn <jonas@southpole.se>
Copyright (C) 2011 Macpaul Lin <macpaul@andestech.com>
Greentime Hu <greentime@andestech.com>
Copyright (C) 2011-2011 Corscience GmbH & Co. KG - Simon Schwarz
<schwarz@corscience.de>
Copyright (C) 2011-2011 Corscience GmbH & Co.KG, Andreas Bießmann
<biessmann@corscience.de>
Copyright (C) 2011
HALE electronic GmbH, <helmut.raiger@hale.at>
Copyright (C) 2011
Heiko Schocher, DENX Software Engineering, hs@denx.de.
Copyright (C) 2011
Jason Cooper <u-boot@lakedaemon.net>
Copyright (C) 2011-2011 Stefan Herbrechtsmeier <stefan@herbrechtsmeier.net>
Copyright (C) 2011
Stefano Babic, DENX Software Engineering, <sbabic@denx.de>
Copyright (C) 2011
Stefano Babic, DENX Software Engineering, sbabic@denx.de.
Copyright (C) 2011-2012 Yoshihiro Shimoda <yoshihiro.shimoda.uh@renesas.com>
Copyright (C) 2011-2012 Kuninori Morimoto <kuninori.morimoto.gx@renesas.com>
Copyright (C) 2011 Missing Link Electronics
Joachim Foerster <joachim@missinglinkelectronics.com>
Copyright (C) 2011 marcel@mesa.nl, Mesa Consulting B.V.
Copyright (C) 2011 - 2012 Stephan Linz <linz@li-pro.net>
Copyright (C) 2011 Andreas Bießmann
Copyright (C) 2011-2012 Chromium
Copyright (C) 2011 CompuLab, Ltd. <www.compulab.co.il>
Copyright (C) 2011 DENX Software Engineering GmbH
Heiko Schocher <hs@denx.de>
Copyright (C) 2011-2015 Google, Inc.
Copyright (C) 2011 Heiko Schocher <hsdenx.de>
Copyright (C) 2011 Ilya Yanok, Emcraft Systems
Copyright (C) 2011 Infineon Technologies
Copyright (C) 2011 Jana Rapava <fermata7@gmail.com>
Copyright (C) 2011 Macpaul Lin (macpaul@andestech.com)
Copyright (C) 2011 Mistral Solutions Pvt Ltd
Copyright (C) 2011 Mistral Solutions pvt Ltd
Copyright (C) 2011-2012 Nobuhiro Iwamatsu <nobuhiro.Iwamatsu.yj@renesas.com>
Copyright (C) 2011-2012 Renesas Electronics Europe Ltd.
Copyright (C) 2011 Ruggedcom, Inc.
Richard Retanubun (richardretanubun@freescale.com)
Copyright (C) 2011 Simon Guinot <sguinot@lacie.com>
Copyright (C) 2011 Stefan Kristiansson <stefan.kristiansson@saunalahti.fi>
Copyright (C) 2011 Stefano Babic <sbabic@denx.de>
Copyright (C) 2011-2014 Texas Instruments Incorporated - http://www.ti.com

Copyright (C) 2011-2011 The ChromiumOS Authors.
Copyright (C) 2011 Wolfram Sang, Pengutronix e.K.
Copyright (C) 2011 by Vladimir Zapolskiy <vz@mleia.com>
Copyright (C) 2011-2012 , Stefano Babic <sbabic@denx.de>
Copyright (C) 2011, Texas Instruments Incorporated - http://www.ti.com/
Copyright (C) 2011-2013 , Texas Instruments, Incorporated - http://www.ti.com/
Copyright (C) 2011,2013-2014 Renesas Electronics Corporation
Copyright (C) 2011-2012 8D Technologies inc.
Copyright (C) 2011-2014 NVIDIA Corporation
Copyright (C) 2008-2014 Samsung Electronics
Copyright (C) 2011-2012 Samsung Electronics
Lukasz Majewski <l.majewski@samsung.com>
Copyright (C) 2011-2014 Marek Vasut <marex@denx.de>
Copyright (C) 2011-2014 OMICRON electronics GmbH
Copyright (C) 2011-2015 Panasonic Corporation
Copyright (C) 2011-2014 Pierrick Hascoet, Abilis Systems
Copyright (C) 2011-2015 Vladimir Zapolskiy <vz@mleia.com>
Copyright (C) 2012
Anatolij Gustschin, DENX Software Engineering, <agust@denx.de>
Copyright (C) 2012-2012 David Purdy <david.c.purdy@gmail.com>
Copyright (C) 2012 Gabriel Huau <contact@huau-gabriel.fr>
Copyright (C) 2012-2012 Philippe Reynes <tremyfr@yahoo.fr>
Copyright (C) 2012 Dan Luedtke Armin Kuster <akuster@mvista.com>
Copyright (C) 2012 Pali Rohár <pali.rohar@gmail.com>
Copyright (C) 2012-2014 Atmel
Copyright (C) 2012 Altera <www.altera.com>
Copyright (C) 2012-2015 Andreas Bießmann <andreas.devel@googlemail.com>
Copyright (C) 2012 Bluegiga Technologies Oy
Copyright (C) 2012-2013 Boundary Devices Inc.
Copyright (C) 2012 Dmitry Bondar <bond@inmys.ru>
Copyright (C) 2012 Ilya Yanok <ilya.yanok@gmail.com>
Copyright (C) 2012 Keymile AG
Gerlando Falauto <gerlando.falauto@keymile.com>
Copyright (C) 2012 Kyosti Malkki <kyosti.malkki@gmail.com>
Copyright (C) 2012 Lucas Stach
Copyright (C) 2012 Lukasz Dalek <luk0104@gmail.com>
Copyright (C) 2012 Marvell
Copyright (C) 2012 Oleksandr Tymoshenko <gonzo@freebsd.org>
Copyright (C) 2012 Phil Edworthy
Copyright (C) 2012 Robert Delien <robert@delien.nl>
Copyright (C) 2012-2013 Samsung Electronics Co.Ltd
Copyright (C) 2012-2014 Stefan Roese <sr@denx.de>
Copyright (C) 2012 Sughosh Ganu <urwithsughosh@gmail.com>
Copyright (C) 2012-2013 The Chromium
Copyright (C) 2012 Vikram Narayananan
<vikram186@gmail.com>
Copyright (C) 2012 ukasz Dałek <luk0104@gmail.com>
Copyright (C) 2012, Ilya Yanok <ilya.yanok@gmail.com>
Copyright (C) 2012, by Texas Instruments
Copyright (C) 2007-2013 , Guennadi Liakhovetski <lg@denx.de>
Copyright (C) 2012-2014, Birdland Audio - http://birdland.com/oem
Copyright (C) 2013
ISEE 2007 SL - Enric Balletbo i Serra <eballetbo@iseebcn.com>
Copyright (C) 2013-2013 Sergey Kostanabev <sergey.kostanbaev <at> fairwaves.ru>
Copyright (C) 2013

Sergey Kostanbaev <sergey.kostanbaev <at> fairwaves.ru>
Copyright (C) 2013 Andreas Wass <andreas.wass@dalelven.com>
Copyright (C) 2013 Atmel Corporation Bo Shen <voice.shen@atmel.com>
Copyright (C) 2013 Bo Shen <voice.shen@atmel.com>
Copyright (C) 2013 Boundary Devices
Copyright (C) 2013-2014 Compulab Ltd - http://compulab.co.il/
Copyright (C) 2013 DENX Software Engineering, hs@denx.de
Copyright (C) 2013 Gabor Juhos <juhosg@openwrt.org>
Copyright (C) 2013-2014 Gateworks Corporation
Copyright (C) 2013 Gumstix, Inc. - http://www.gumstix.com/
Copyright (C) 2013-2013 Hannes Petermaier <oe5hpm@oevsv.at>
Copyright (C) 2013-2014 Hannes Petermaier <oe5hpm@oevsv.at> -
Copyright (C) 2013 Henrik Nordstrom <henrik@henriknordstrom.net>
Copyright (C) 2013 Imagination Technologies
Copyright (C) 2013 Jagannadha Sutradharudu Teki, Xilinx Inc.
Copyright (C) 2013-2013 Jon Nettleton <jon.nettleton@gmail.com>
Copyright (C) 2013 Ken Kuo (ken_kuo@andestech.com)
Copyright (C) 2013 Lemonage Software GmbH
Copyright (C) 2013 Lothar Felten <lothar.felten@gmail.com>
Copyright (C) 2013 Lukasz Majewski <l.majewski@samsung.com>
All rights reserved.
Copyright (C) 2013 Mike Dunn <mikedunn@newsguy.com>
Copyright (C) 2013 Otavio Salvador <otavio@ossystems.com.br>
on behalf of O.S. Systems Software LTDA.
Copyright (C) 2013 Seco S.r.l
Copyright (C) 2013 Seco USA Inc
Copyright (C) 2013 Sergey Yanovich <ynvich@gmail.com>
Copyright (C) 2013 Simon Guinot <simon.guinot@sequanux.org>
Copyright (C) 2013 SolidRun ltd.
Copyright (C) 2013 Soren Brinkmann <soren.brinkmann@xilinx.com>
Copyright (C) 2013 Suriyan Ramasami <suriyan.r@gmail.com>
Copyright (C) 2013-2015 Synopsys, Inc. (www.synopsys.com)
Copyright (C) 2013 Xilinx, Inc.
Copyright (C) 2013, 2014 Markus Niebel <Markus.Niebel@tq-group.com>
Copyright (C) 2013-2015 Renesas Electronics Corporation
Copyright (C) 2013-2014 TQ Systems
Copyright (C) 2013-2013 , Adeneo Embedded <www.adeneo-embedded.com>
Copyright (C) 2013, Boundary Devices <info@boundarydevices.com>
Copyright (C) 2013-2014 , Compulab Ltd - http://compulab.co.il/
Copyright (C) 2013, Gateworks Corporation
Copyright (C) 2013, ISEE 2007 SL - http://www.isee.biz/
Copyright (C) 2013, Intel Corporation
Copyright (C) 2013, Jon Nettleton <jon.nettleton@gmail.com>
Copyright (C) 2013, Lemonage Software GmbH
Copyright (C) 2013-2014 , Masahiro Yamada <yamada.m@jp.panasonic.com>
Copyright (C) 2013-2014 - ARM Ltd
Copyright (C) 2012-2014 Altera Corporation <www.altera.com>
Copyright (C) 2013-2015 Synopsys, Inc. All rights reserved.
Copyright (C) 2013-2014, Altera Corporation <www.altera.com>
Copyright (C) 2014-2014 Evgeni Dobrev <evgeni@studio-punkt.com>
Copyright (C) 2014 Atmel Bo Shen <voice.shen@atmel.com>
Copyright (C) 2014 Bachmann electronic GmbH
Copyright (C) 2014 Charles Manning <cdhmanning@gmail.com>
Copyright (C) 2014 David Gibson <david@gibson.dropbear.id.au>
Copyright (C) 2014 Eukr©a Electromatique

Copyright (C) 2014 Freescale Semiconductor
Copyright (C) 2014 Kynetics LLC.
Copyright (C) 2014 Revolution Robotics, Inc.
Copyright (C) 2014 Roman Byshko
Copyright (C) 2014 Sean Cross
Copyright (C) 2014 Soeren Moch <smoch@web.de>
Copyright (C) 2014 Steffen Trumtrar <s.trumtrar@pengutronix.de>
Copyright (C) 2014-2015 O.S. Systems Software LTDA.
Copyright (C) 2014-2015 , Bachmann electronic GmbH
Copyright (C) 2014, Barco (www.barco.com)
Copyright (C) 2014-2015 , Bin Meng <bmeng.cn@gmail.com>
Copyright (C) 2014, Gumstix, Inc. - http://www.gumstix.com/
Copyright (C) 2014-2014 , Gumstix, Incorporated - http://www.gumstix.com/
Copyright (C) 2014, Markus Niebel <Markus.Niebel@tq-group.com>
Copyright (C) 2014, Simon Glass <sjg@chromium.org>
Copyright (C) 2015-2015 Socionext Inc.
Copyright (C) 2015 Andreas Bießmann <andreas.devel@googlmail.com>
Copyright (C) 2015 Cogent Embedded, Inc.
Copyright (C) 2015 ECA Sinters
Copyright (C) 2015 K. Merker <merker@debian.org>
Copyright (C) 2015 Marcel Ziswiler <marcel@ziswiler.com>
Copyright (C) 2015, Google, Inc
Copyright (C) 2015-2015 , Inverse Path
Copyright (C) ARM Limited
Copyright (C) Albert ARIBAUD <albert.u.boot@aribaud.net>
Copyright (C) Archway Digital Solutions.
Copyright (C) DENX
Copyright (C) DENX GmbH
Copyright (C) David Mosberger-Tang
Copyright (C) Excito Elektronik i Skåne AB, All rights reserved.
Copyright (C) Freescale Semiconductor, Inc. 2006-2010 .
Copyright (C) Freescale Semiconductor, Inc. 2006-2007
Copyright (C) Freescale Semiconductor, Inc. 2007
Copyright (C) Linux Networx.
Copyright (C) Marvell International Ltd. and its affiliates
Copyright (C) Nalin Dahyabhai <bigfun@pobox.com>
Copyright (C) Nokia Corporation, 2007
Copyright (C) Procsys. All rights reserved.
Copyright (C) SAN People
Copyright (C) SAN People
(C) Copyright 2010
Reinhard Meyer, EMK Elektronik, reinhard.meyer@emk-elektronik.de
Copyright (C) ST-Ericsson SA 2009
Copyright (C) ST-Ericsson SA 2010
Copyright (C) Samsung Electronics, 2009
Copyright (C) Sun Microsystems 2008
Copyright (c) 1992, 1993
The Regents of the University of California. All rights reserved.
Copyright (c) 1994 - 1997, 1999, 2000 Ralf Baechle (ralf@gnu.org)
Copyright (c) 1994, 95, 96, 97, 98, 2000, 01 Ralf Baechle
Copyright (c) 1995, 1996, 2001, 2002
Erik Theisen. All rights reserved.
Copyright (c) 1995-2003 by Internet Software Consortium
Copyright (c) 1996 Russell King.
Copyright (c) 1997-1999 Dan Malek (dmalek@jlc.net)

Copyright (c) 1998 Dan Malek <dmalek@jlc.net>
Copyright (c) 1998 Harald Koerfgen
Copyright (c) 1998 Michael Zucchi, All Rights Reserved
Copyright (c) 1998 by Michael Barr.
Copyright (c) 1999 Magnus Damm <kieraypc01.p.y.kie.era.ericsson.se>
Copyright (c) 1999 Nicolas Pitre <nico@visuaide.com>
Copyright (c) 1999-2002 Vojtech Pavlik
Copyright (c) 2000-2003 Wolfgang Denk <wd@denx.de>
Copyright (c) 2000 Silicon Graphics, Inc.
Copyright (c) 2000-2014 Samsung Electronics Co., Ltd. All rights reserved.
Copyright (c) 2000-2000 MontaVista Software, Inc (source@mvista.com)
Copyright (c) 2000-2009 MontaVista Software, Inc.
Copyright (c) 2000 MontaVista Software, Inc. Dan Malek (dmalek@jlc.net)
Copyright (c) 2000 William L. Pitts and W. Gerald Hicks
All rights reserved.
Copyright (c) 2000 by Silicon Graphics, Inc.
Copyright (c) 2000, 2001, 2002 Lineo
Copyright (c) 2000,2001 Epson Research and Development, Inc.
Copyright (c) 2001-2002 Alex Züpke <azu@sysgo.de>
Copyright (c) 2001 Marius Groger <mag@sysgo.de>
Copyright (c) 2001 Marius Gr ger <mag@sysgo.de>
Copyright (c) 2001 Charles Mott <cm@linktel.net>
Copyright (c) 2001 Gerd Mennchen <Gerd.Mennchen@icn.siemens.de>
Copyright (c) 2001 Hewlett Packard
Copyright (c) 2001 MIPS Technologies, Inc.
Copyright (c) 2001 Navin Boppuri / Prashant Patel
<nboppuri@trinetcommunication.com>,
<pmpatel@trinetcommunication.com>
Copyright (c) 2001 William L. Pitts
All rights reserved.
Copyright (c) 2001-2003 Wolfgang Denk, DENX Software Engineering, <wd@denx.de>.
Copyright (c) 2002 Alex Zupke <azu@sysgo.de>
Copyright (c) 2002 Gary Jennejohn <garyj@denx.de>
Copyright (c) 2002 Kyle Harris <kharris@nexus-tech.net>
Copyright (c) 2002-2014 Analog Devices Inc.
Copyright (c) 2003 Bas Vermeulen <bas@buyways.nl>,
BuyWays B.V. (www.buyways.nl)
Copyright (c) 2003 Kshitij <kshitij@ti.com>
Copyright (c) 2003 Richard Woodruff <r-woodruff2@ti.com>
Copyright (c) 2003 Thomas.Lange@corelatus.se
Copyright (c) 2003 Metrowerks/Motorola
Copyright (c) 2003 Denis Peter, MPL AG Switzerland, d.petr@mpl.ch.
Copyright (c) 2003 Josef Baumgartner
<josef.baumgartner@telex.de>
Copyright (c) 2003-2003 Josef Baumgartner <josef.baumgartner@telex.de>
Copyright (c) 2003-2003 Motorola,Inc.
Copyright (c) 2003 Wolfgang Denk, wd@denx.de
Copyright (c) 2003,Motorola Inc.
Xianghua Xiao (X.Xiao@motorola.com)
Copyright (c) 2003-2005 by Peter Astrand <astrand@lysator.liu.se>
Copyright (c) 2003-2006, Cluster File Systems, Inc, info@clusterfs.com
Copyright (c) 2003/06, Courage Co., Ltd.
Copyright (c) 2004 Cucy Systems (http://www.cucy.com)
Curt Brune <curt@cucy.com>
Copyright (c) 2004 Texas Instruments <r-woodruff2@ti.com>

Copyright (c) 2004-2004 Picture Elements, Inc.
Copyright (c) 2004, 2008 IBM Corporation
Copyright (c) 2004-2004 -2005 Sergey Lyubka <valenok@gmail.com>
Copyright (c) 2003-2009 Texas Instruments
Copyright (c) 2004-2010 Internet Systems Consortium, Inc. ("ISC")
Copyright (c) 2005 Arthur Shipkowski <art@videon-central.com>
Copyright (c) 2005 Ben Gardner <bgardner@wabtec.com>
Copyright (c) 2005 Cisco Systems. All rights reserved.
Copyright (c) 2005 David Brownell
Copyright (c) 2005 MontaVista Software
Copyright (c) 2005-2012 Freescale Semiconductor, Inc
Copyright (c) 2005-2006 Gianluigi Tiesi <sherpya@netfarm.it>
Kees Zeelenberg <kzlg@users.sourceforge.net>
Copyright (c) 2005-2011 Analog Device Inc.
Copyright (c) 2005-2008 Analog Device, Inc.
Copyright (c) 2006 Ben Warren, Qstreams Networks Inc.
Copyright (c) 2006 Herbert Valerio Riedel <hvr@gnu.org>
Copyright (c) 2006 Intratrade Ltd., Ivan Danov, idanov@gmail.com
Copyright (c) 2006 Thomas Gleixner <tglx@linutronix.de>
Copyright (c) 2006-2010 Wind River Systems, Inc.
Copyright (c) 2006-2011 Freescale Semiconductor
Copyright (c) 2006-2008 Syed Mohammed Khasim <x0khasim@ti.com>
Copyright (c) 2006-2009, 2011 Freescale Semiconductor, Inc.
Copyright (c) 2007-2012 Samsung Electronics
Copyright (c) 2007 Carlos Munoz <carlos@kenati.com>
Copyright (c) 2007 David Rowe,
Copyright (c) 2007 Ingenic Semiconductor Inc.
Copyright (c) 2007-2011 , Oracle and/or its affiliates. All rights reserved.
Copyright (c) 2007-2008 Nobuhiro Iwamatsu <iwamatsu@nigaur.org>
Copyright (c) 2007,2008 Nobuhiro Iwamatsu
Copyright (c) 2007-2008 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
Copyright (c) 2007-2007 -2008, Juniper Networks, Inc.
Copyright (c) 2007-2009 DENX Software Engineering, GmbH
Stefan Roese <sr@denx.de>
Copyright (c) 2008 - 2012 Nobuhiro Iwamatsu
Copyright (c) 2008 Eric Jarrige <eric.jarrige@armadeus.org>
Copyright (c) 2008 Excito Elektronik i Sk
Copyright (c) 2008 Magnus Damm
Copyright (c) 2008-2008 Nuovation System Designs, LLC
Copyright (c) 2008 Pieter Voorthuijsen <pieter.voorthuijsen@prodrive.nl>
Copyright (c) 2008 Yoshihiro Shimoda <shimoda.yoshihiro@renesas.com>
Copyright (c) 2008 Yusuke Goda <goda.yusuke@renesas.com>
Copyright (c) 2008 coresystems GmbH
All rights reserved.
Copyright (c) 2008, 2009 esd gmbh Hannover Germany
Copyright (c) 2008, 2011, 2014 2014 Nobuhiro Iwamatsu
Copyright (c) 2008, Excito Elektronik i Skåne AB
Copyright (c) 2008-2008 , Michael Trimarchi <trimarchimichael@yahoo.it>
Copyright (c) 2008-2009 I-SYST.
Copyright (c) 2008-2009 MontaVista Software, Inc. <source@mvista.com>
Copyright (c) 2008-2009 esd gmbh.
Copyright (c) 2008-2009, MontaVista Software, Inc. <source@mvista.com>
Copyright (c) 2008-2014 , NVIDIA Corporation.
Copyright (c) 2009 Daniel Mack <daniel@caiaq.de>
Copyright (c) 2009 Ilya Yanok <yanok@emcraft.com>

Copyright (c) 2009 Micrel Inc.
Copyright (c) 2009 Pattrick Hueper <phueper@hueper.net>
All rights reserved.
Copyright (c) 2009 Robin Getz <rgetz@blackfin.uclinux.org>
Copyright (c) 2009 esd gmbh hannover germany.
Copyright (c) 2009, Brush Technology
Copyright (c) 2009, Code Aurora Forum. All rights reserved.
Copyright (c) 2009-2014 , Google Inc.
Copyright (c) 2009, Intel Corporation.
Copyright (c) 2009-2013 NVIDIA Corporation
Copyright (c) 2009-2014, The Linux Foundation. All rights reserved.
Copyright (c) 2010 Albert Aribaud <albert.u.boot@aribaud.net>
Copyright (c) 2010 Albert Aribaud.
Copyright (c) 2010 BCT Electronic GmbH
Copyright (c) 2010 Graeme Smecher <graeme.smecher@mail.mcgill.ca>
Copyright (c) 2010 Texas Instruments Incorporated
Copyright (c) 2010 Texas Instruments, Inc.
Jason Kridner <jkridner@beagleboard.org>
Copyright (c) 2010 Thomas Chou <thomas@wytron.com.tw>
Copyright (c) 2010, CompuLab, Ltd.
Copyright (c) 2010, Texas Instruments
Copyright (c) 2010-2012 Linaro Ltd.
www.linaro.org
Copyright (c) 2010-2011 NVIDIA Corporation
NVIDIA Corporation <www.nvidia.com>
Copyright (c) 2010-2011 Samsung Electronics Co., Ltd.
http://www.samsung.com
Copyright (c) 2010-2012 NVIDIA CORPORATION. All rights reserved.
Copyright (c) 2010-2012 NVIDIA Corporation <www.nvidia.com>
Copyright (c) 2010-2015 , NVIDIA CORPORATION. All rights reserved.
Copyright (c) 2010-2015 , NVIDIA CORPORATION. All rights reserved.
Copyright (c) 2011-2011 IDS GmbH, Germany
Copyright (c) 2011 Marek Vasut <marek.vasut@gmail.com>
DENX Software Engineering GmbH
Copyright (c) 2011 Roberto Cerati <roberto.cerati@bticino.it>
Copyright (c) 2011 Sebastian Andrzej Siewior <bigeasy@linutronix.de>
Copyright (c) 2011-2014 The Chromium
Copyright (c) 2011 samsung electronics
Donghwa Lee <dh09.lee@samsung.com>
Copyright (c) 2011-2012 , Google Inc. All rights reserved.
Copyright (c) 2011, NVIDIA Corp. All rights reserved.
Copyright (c) 2011-12 The Chromium
Copyright (c) 2011-2012 Samsung Electronics Co., Ltd.
http://www.samsung.com
Copyright (c) 2011-2013 Xilinx Inc.
Copyright (c) 2012-2012 Gabriel Huau <contact@huau-gabriel.fr>
Copyright (c) 2012-2013 Albert ARIBAUD <albert.u.boot@aribaud.net>
Copyright (c) 2012 Anders Electronics plc. All Rights Reserved.
Copyright (c) 2012 CompuLab, Ltd
Dmitry Lifshitz <lifshitz@compulab.co.il>
Ilya Ledvich <ilya@compulab.co.il>
Alberto Panizzo <maramaopercheseimorto
Copyright (c) 2012 Joe Hershberger.
Copyright (c) 2012 Linutronix GmbH
Copyright (c) 2012-2012 Michael Walle

Copyright (c) 2012 Samsung Electronics Co. Ltd
Copyright (c) 2012-2014 Samsung Electronics Co., Ltd.
Copyright (c) 2012 Stephan Linz <linz@li-pro.net>
Copyright (c) 2012-2013 , The Chromium Authors
Copyright (c) 2012-2013 Xilinx, Michal Simek
Copyright (c) 2012-2014 Birdland Audio - http://birdland.com/oem
Copyright (c) 2012-2014, Birdland Audio - http://birdland.com/oem
Copyright (c) 2012:
Joe Hershberger, National Instruments, joe.hershberger@ni.com
All rights reserved.
Copyright (c) 2013 Andre Przywara <andre.przywara@linaro.org>
Copyright (c) 2013 Corscience GmbH & Co.KG
Andreas Bießmann <andreas.biessmann@corscience.de>
Copyright (c) 2013 Gerhard Sittig <gsi@denx.de>
Copyright (c) 2013-2015 Google, Inc
Copyright (c) 2013 Lubomir Popov <lpopov@mm-sol.com>, MM Solutions
Copyright (c) 2013 Lucas Stach
Copyright (c) 2013 Xilinx, Inc.
Copyright (c) 2013, Andreas Oetken.
Copyright (c) 2013, Compulab Inc.
Copyright (c) 2013, Henrik Nordstrom <henrik@henriknordstrom.net>
Copyright (c) 2013-2015 Stefan Agner
Copyright (c) 2013-2014, Stefan Agner
Copyright (c) 2014
Heiko Schocher, DENX Software Engineering, hs@denx.de.
Copyright (c) 2014 Nobuhiro Iwamatsu <nobuhiro.iwamatsu.yj@renesas.com>
Copyright (c) 2014 Renesas Electronics Corporation
Copyright (c) 2014 DENX
Copyright (c) 2014 Hannes Petermaier <oe5hpm@oevsv.at>
Copyright (c) 2014 Rene Griessl <rgriessl@cit-ec.uni-bielefeld.de>
Copyright (c) 2014 Xilinx, Inc. Michal Simek
Copyright (c) 2014, Marcel Ziswiler
Copyright (c) 2014, Ruchika Gupta.
Copyright (c) 2014, Steffen Trumtrar <s.trumtrar@pengutronix.de>
Copyright (c) 2014-2015 Marcel Ziswiler
Copyright (c) 2015 Andreas Bießmann <andreas.devel@googlemail.com>
Copyright (c) 2015, Google, Inc
Copyright (c) <1995-2014>, Intel Corporation.
All rights reserved.
Copyright (c) International Business Machines Corp., 2006
Copyright (c) Marc A. Viredaz, 1998
Copyright (c) Nokia Corporation, 2006
Copyright (c) Nokia Corporation, 2006-2006 , 2007
Copyright (c) Nokia Corporation, 2007
Copyright (c) Orbacom Systems, Inc <www.orbacom.com>
All rights reserved.
Copyright (c) Switchfin Org. <dpn@switchfin.org>
Copyright 1988, 91, 92, 93, 94, 95, 96, 97, 98, 1999
Free Software Foundation, Inc.
Copyright 1992, Linus Torvalds.
Copyright 1993 -- 1997 Drew Eckhardt, Frederic Potter,
David Mosberger-Tang
Copyright 1994-1995 -2000 Neil Russell.
Copyright 1994-2001 Stephen Rothwell (sfr@canb.auug.org.au)
Copyright 1995, 1996, 1998, 1999, 2000, 2003, 2004, 2005

Free Software Foundation, Inc.
Copyright 1995, Russell King.
Copyright 1995-2010 Jean-loup Gailly and Mark Adler
Copyright 1996 Roman Zippel
Copyright 1997 -- 1999 Martin Mares <mj@atrey.karlin.mff.cuni.cz>
Copyright 1998-2000 Red Hat, Inc --- All Rights Reserved
Copyright 1999 D. Jeff Dionne <jeff@uclinux.org>
Copyright 1999-1999 Randy Dunlap
Copyright 1999-2000 D. Jeff Dionne, <jeff@uclinux.org>
Copyright 2000 Paolo Scaffardi
Copyright 2000 Roland Borde
Copyright 2000, 2001 DENX Software Engineering, Wolfgang Denk, wd@denx.de
Copyright 2000-2001 MontaVista Software Inc.
Copyright 2000-2001 Lineo, Inc. D. Jeff Dionne <jeff@lineo.ca>
Copyright 2000-2001 Lineo, Inc. D. Jefff Dionne <jeff@lineo.ca>
Copyright 2000-2004 Wolfgang Denk, wd@denx.de
Copyright 2000-2002 by Hans Reiser
Copyright 2000-2009 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
Copyright 2001 Jeff Garzik <jgarzik@pobox.com>
Copyright 2001 Sun Microsystems (thockin@sun.com)
Copyright 2002 Andy Grover <andrew.grover@intel.com>
Copyright 2002 Arcturus Networks Inc. MaTed <mated@sympatico.ca>
Copyright 2002 Intel (eli.kupermann@intel.com,
christopher.leech@intel.com,
scott.feldman@intel.com)
Copyright 2002 SYSGO Real-Time Solutions GmbH
Copyright 2003 Bas Vermeulen <bas@buyways.nl>,
BuyWays B.V. (www.buyways.nl)
Copyright 2003 Metrowerks
Copyright 2003 Metrowerks/Motorola
Copyright 2003 Motorola,Inc.
Xianghua Xiao(x.xiao@motorola.com)
Copyright 2003-2004 Jeff Garzik
Copyright 2003-2004 Red Hat, Inc. All rights reserved.
Copyright 2003-2013 Analog Devices Inc.
Copyright 2004 Sun Microsystems, Inc.
Copyright 2004-2015 Freescale Semiconductor, Inc.
Copyright 2004-2014 Freescale Semiconductor.
Copyright 2004 Karen Spearel
Copyright 2004 Matt Mackall <mpm@selenic.com>
Copyright 2004, 2007-2011 Freescale Semiconductor.
Srikanth Srinivasan <srikanth.srinivaan@freescale.com>
Copyright 2004, 2007, 2009, 2011, 2013 Freescale Semiconductor, Inc.
, 2010-2011 Freescale Semiconductor.
Copyright 2004, 2011 Freescale Semiconductor
Jeff Brown (Jeffrey@freescale.com)
Srikanth Srinivasan (srikanth.srinivasan@freescale.com)
Copyright 2004,2007,2008 Freescale Semiconductor, Inc.
, 2009-2011 Freescale Semiconductor, Inc.
Jeff Brown
Srikanth Srinivasan (srikanth.srinivasan@freescale.com)
Copyright 2004-2006,2010 Freescale Semiconductor, Inc. All Rights Reserved.
Copyright 2004-2007 Analog Devices Inc.
Enter bugs at http://blackfin.uclinux.org/
Copyright 2004-2007, 2010-2011 Freescale Semiconductor.

Copyright 2004-2005 -2009 Analog Devices Inc.
Copyright 2004-2011 Freescale Semiconductor, Inc. All Rights Reserved.
Copyright 2004-2011 , 2013 Freescale Semiconductor, Inc.
Copyright 2005 Alessandro Zummo
Copyright 2005-2008 Mentor Graphics Corporation
Copyright 2005, Seagate Technology LLC
Copyright 2005-2009 - Steven Rostedt
Copyright 2006 Applied Micro Circuits Corporation
Copyright 2006 IBM
Copyright 2006, 2008-2009, 2011 Freescale Semiconductor
York Sun (yorksun@freescale.com)
Haiying Wang (haiying.wang@freescale.com)
Timur Tabi (timur@freescale.com)
Copyright 2006,2010 Freescale Semiconductor
Jeff Brown
Srikanth Srinivasan (srikanth.srinivasan@freescale.com)
Copyright 2006-2009 Solarflare Communications Inc.
Copyright 2007-2010 (C)
Copyright 2007-2007 Embedded Specialties, Inc.
Copyright 2007-2007 Michal Simek
Copyright 2007-2010 Sun Microsystems, Inc. All rights reserved.
Copyright 2007 Wind River Systemes, Inc.
Copyright 2007 Wind River Systemes, Inc. <www.windriver.com>
Copyright 2007, 2010-2011 Freescale Semiconductor, Inc
Andy Fleming
Copyright 2007, Embedded Specialties, Inc.
Copyright 2007-2014 , Freescale Semiconductor, Inc
Copyright 2007,2008 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
Copyright 2007-2009 Wind River Systems <www.windriver.com>
Copyright 2007,2009 Wind River Systems, Inc. <www.windriver.com>
Copyright 2007-2008
Matthias Fuchs, esd gmbh, matthias.fuchs@esd-electronics.com.
Copyright 2007-2008 ,2010-2011 Freescale Semiconductor, Inc
Copyright 2007-2009, 2011 Freescale Semiconductor, Inc.
Copyright 2007-2009,2010-2012 Freescale Semiconductor, Inc.
Copyright 2007-2012 (C) Allwinner Technology Co., Ltd.
javen <javen@allwinnertech.com>
Copyright 2008 (C) Bryan O'Donoghue
Copyright 2008 - 2009 Windriver, <www.windriver.com>
Copyright 2008 DENX Software Engineering
Copyright 2008-2010 Extreme Engineering Solutions, Inc.
Copyright 2008 Qstreams Networks, Inc.
Copyright 2008 Sascha Hauer, kernel@pengutronix.de
Copyright 2008-2009 Semihalf
Semihalf
(C) Copyright 2000-2006 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
Copyright 2008 Silicon Turnkey Express, Inc.
Martha Marx <mmarx@silicontkx.com>
Copyright 2008-2008 ,2010 Freescale Semiconductor, Inc
Copyright 2008-2010 DENX Software Engineering, Stefan Roese <sr@denx.de>
Copyright 2008-2009 Stefan Roese <sr@denx.de>, DENX Software Engineering
Copyright 2004-2010 -2012 Freescale Semiconductor, Inc.
Copyright 2009-2009 Lattice Semiconductor Corp.
Copyright 2009
Stefano Babic DENX Software Engineering sbabic@denx.de.

Copyright 2009 CJSC "NII STT", http://www.niistt.ru/
Copyright 2009 Dirk Behme, dirk.behme@googlemail.com
Copyright 2009 Ilya Yanok, <yanok@emcraft.com>
Copyright 2009, Matthias Fuchs <matthias.fuchs@esd.eu>
Copyright 2009-2012 , 2013 Freescale Semiconductor, Inc.
Jun-jie Zhang <b18070@freescale.com>
Mingkai Hu <Mingkai.hu@freescale.com>
Copyright 2009-2011 Freescale Semiconductor, Inc.
Andy Fleming <afleming@gmail.com>
Copyright 2009-2014 Freescale Semiconductor, Inc. and others
Copyright 2009: Marvell Technology Group Ltd.
Copyright 2010 Ilya Yanok, Emcraft Systems, <yanok@emcraft.com>
Copyright 2010 Orex Computed Radiography
Copyright 2010 Sergey Poselenov, Emcraft Systems, <sposelenov@emcraft.com>
Copyright 2010 eXMeritus, A Boeing Company
Copyright 2010, Renato Andreola <renato.andreola@imagos.it>
Copyright 2010, Stefan Roese, DENX Software Engineering, sr@denx.de
Copyright 2010-2011 Calxeda, Inc.
Copyright 2010-2013 NVIDIA Corporation
Copyright 2011
Heiko Schocher DENX Software Engineering hs@denx.de.
Copyright 2011 ARM Limited
(C) Copyright 2010 Linaro
Matt Waddel, <matt.waddel@linaro.org>
Copyright 2011 Comelit Group SpA
Luca Ceresoli <luca.ceresoli@comelit.it>
Copyright 2011 Comelit Group SpA,
Luca Ceresoli <luca.ceresoli@comelit.it>
Copyright 2011 Linaro
Copyright 2011-2011 Linaro Limited
Copyright 2011 Maxim Integrated Products
Copyright 2011 Sebastian Andrzej Siewior <bigeasy@linutronix.de>
Copyright 2011-2011 , Marvell Semiconductor Inc.
Copyright 2012 Kim Phillips, Freescale Semiconductor.
Copyright 2012 Texas Instruments
Copyright 2012-2013 Stefan Roese <sr@denx.de>
Copyright 2013 Albert ARIBAUD <albert.u.boot@aribaud.net>
Copyright 2013-2014 Broadcom Corporation.
Copyright 2013 Maxime Ripard
Copyright 2013 Texas Instruments, Inc.
Copyright 2013 Wolfgang Denk <wd@denx.de>
Copyright 2013-2014 Red Hat, Inc.
Copyright 2014 - Hans de Goede <hdegoede@redhat.com>
Copyright 2014 Freescale Semiconductor Inc.
Copyright 2014 Google, Inc
Copyright 2014 Linaro, Ltd.
Rob Herring <robh@kernel.org>
Copyright 2014 Zoltan HERPAI
Zoltan HERPAI <wigyori@uid0.hu>
Copyright 2014, Freescale Semiconductor
Copyright 2014, Jason Cooper <jason@lakedaemon.net>
Copyright 2014, Staubli Faverges
Copyright Altera Corporation (C) 2012-2014. All rights reserved
Copyright Freescale Semiconductor, Inc. 2004, 2006, 2008.
Copyright Freescale Semiconductor, Inc. 2004, 2006.

Copyright Joern Engel <joern@lazybastard.org>
Copyright MontaVista Software Incorporated, 2000
Copyright Motorola 1984
Copyright Randy Dunlap 2000
(C) Copyright David Brownell 2000
(C) Copyright Yggdrasil Computing, Inc. 2000
Copyright Roger Meier <r.meier@siemens.com>
Copyright Torsten Duwe <duwe@informatik.uni-erlangen.de> 1993
Copyright © 1999-2000 -2010 David Woodhouse <dwmw2@infradead.org>
Copyright © 2000-2006 Red Hat UK Limited
Copyright © 2000 Nicolas Pitre <nico@fluxnic.net>
Copyright © 2000-2005
Thomas Gleixner <tglx@linuxtronix.de>
Copyright © 2001-2007 Red Hat, Inc. and others
Copyright © 2002 Robert Kaiser <rkaiser@sysgo.de>
Copyright © 2002 Thomas Gleixner <gleixner@linutronix.de>
Copyright © 2004 Ferenc Havasi <havasi@inf.u-szeged.hu>,
Zoltan Sogor <weth@inf.u-szeged.hu>,
Patrik Kluba <pajko@halom.u-szeged.hu>,
University of Szeged, Hungary
Copyright © 2004 Thomas Gleixner (tglx@linutronix.de)
Copyright © 2005 Samsung Electronics
Kyungmin Park <kyungmin.park@samsung.com>
Copyright © 2011 Ivan Djelic <ivan.djelic@parrot.com>
Copyright © 2011 Parrot S.A.
Copyright © 2013 Jussi Kivilinna <jussi.kivilinna@iki.fi>
Copyright © 2015 Hans de Goede <hdegoede@redhat.com>
Copyright © International Business Machines Corp., 2006
Copyright(c) 2001 Tony Z. Kou <tonyko@arcturusnetworks.com>
Copyright(c) 2001-2002 Arcturus Networks Inc. <www.arcturusnetworks.com>
Copyright(c) 1999 - 2002 Intel Corporation. All rights reserved.
Copyright(c) 2002,2003 Motorola Inc.
Xianghua Xiao (x.xiao@motorola.com)
Copyright(c) 2003 Metrowerks <mwaddel@metrowerks.com>
Copyright(c) 2003 Motorola Inc.
Copyright(c) 2005-2008 Samsung Electronics
Kyungmin Park <kyungmin.park@samsung.com>
Copyright(c) 2009 Dialog Semiconductor Ltd.
Copyright: MontaVista Software Inc.
Copyright: MontaVista Software, Inc.
Copyright: Synertronixx GmbH
Coypright (c) 2013 Guntermann & Drunck GmbH
Coyright (c) 2007 Nobuhiro Iwamatsu <iwmatsu@nigauri.org>
Coyright (c) 2007,2008 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
(C) 2000-2000 Paolo Scaffardi
(C) Copyright 2005 Eric Benard
ebenard@eukrea.com
(C) Copyright 2010 Robert Aigner (ra@spiid.net)
(C) Roman Zippel 1999
(c) Samsung Electronics
(C) 2012 Oleksandr Tymoshenko
(C) Wojtek Skulski 2010.
(C) 1998,1999 Kenneth Albanowski, D. Jeff Dionne
copyright (C) 2007 Sergey Kubushyn <ksi@koi8.net>
copyright (c) 2002 Romain Lievin roms@lpg.ticalc.org

copyright 1999-2002 by Donald Becker.
copyright Wolfgang Denk (wd@denx.de).
(C) 2009 Nokia
Copyright (C) 2009-2010 Texas Instruments
(C) SAN People
Copyright (C) 2009 Jens Scharsig (js_at_ng@scharsoft.de)
(c) 2012-2013 , Google Inc.
(C) 2013 Google, Inc
(C) Copyright 2012
Pavel Herrmann <morpheus.ibis@gmail.com>
Marek Vasut <marex@denx.de>
(c) 2013-2014 Google, Inc
(c) Josh Huber <huber@mclx.com>, Mission Critical Linux, Inc.
(c) Rob Taylor, Flying Pig Systems. 2000.
© 2001-2006 Red Hat, Inc.

1.1.60.2 Acknowledgements

In this context the BSD-2-Clause license has been chosen.

In this context the BSD-3-Clause license has been chosen.

In this context the BSD license has been chosen.

1.1.60.3 Licenses

GPL-2.0 (400)
GPL-2.0+ Notice (Wolfgang Denk) (401)
GPL License Exception (402)
GPL-2.0 Notice:1 (403)
GPL-2.0 Notice:2 (404)
GPL-2.0 Notice:3 (405)
GPL-2.0 Notice:4 (406)
GPL-2.0 Notice:5 (Inventra Controller) (407)
GPL-2.0 Notice:6 (408)
GPL-2.0 Notice:7 (409)
GPL-2.0 Notice:8 (410)
GPL-2.0 Notice:9 (SciTech) (411)
GPL-2.0 Notice:10 (U-Boot) (412)
GPL-2.0 Notice:11 (413)
Dual License- GPL-2.0 / IBM-pibs (414)
IBM-pibs (415)
GPL Notice:1 (416)
GPL Notice:2 (417)
GPL Notice:3 (418)
GPL Notice:4 (419)
GPL-2.0 Notice with Disclaimer (420)
LGPL-2.1 Notice:1 (421)
LGPL-2.1 Notice2 (422)
LGPL-2.1+ Notice (423)
LGPL-2.0+ Notice (424)
GPL-2.0+ Notice:1 (425)
GPL/v2/GPL v2 or later_CCT verified_MassAve (128)
_GPL/V2_or_later/GPL V2 or later Reference 2_cct (129)
GPL-2.0+ Notice:4 (426)
GPL-2.0+ Notice:5 (LZO library) (427)

GPL-2.0+ Notice:6 (428)
GPL-2.0+ Notice:7 (429)
GPL-2.0+ with special exception Notice (430)
eCos-2.0 Notice (431)
eCos- 2.0 (432)
RHeCos-1.1 Notice (433)
RHeCos-1.1 (434)
GPL-2.0+ with special exception Notice (JFFS2) (435)
Dual License -MPL-1.1 or GPL-2.0 (436)
MPL-1.1 (437)
Dual License-GPL-2.0 or RHeCos-1.1 (438)
LGPL-2.1 (439)
LGPL-2.0 (440)
BSD-2-Clause (441)
BSD-2-Clause Notice:1 (442)
BSD-2-Clause Notice:2 (443)
BSD-3-Clause (The Linux Foundation) (444)
BSD-3-Clause (Altera Corporation) (445)
BSD-3-Clause (446)
BSD-3-Clause Like (Intel Corporation) (447)
BSD-Like Notice (448)
Python-2.4 Notice (449)
Python-2.4 (450)
ADI BSD license Notice (451)
ADI BSD (452)
BSD-3-Clause Notice (453)
Dual License- BSD-style or GPL-2.0 (454)
Intel Notice (455)
Intel (456)
ISC Notice (457)
ISC (458)
Permission Notice:1 (459)
Permission Notice:2 (460)
Permission Notice:3 (461)
Public Domain with Disclaimer (363)
Public Domain Notice(HP) (462)
Public Domain Notice:2 (463)
Public Domain Notice:3 (464)
Public Domain Notice:4 (465)
Public Domain Notice:5 (466)
Public Domain Notice:6 (467)
Public Domain Notice:7 (468)
Public Domain Notice:8 (469)
Public Domain Notice:9 (470)
Public Domain Notice:10 (471)
Public Domain Notice:11 (472)
Public Domain Notice:12 (473)
Public Domain Notice:4 (465)
Public Domain Notice:14 (474)
Bzip2 (475)
Zlib (152)
Beerware (476)
IBM copyright Notice (477)
Dual License-GPL-2.0+ or BSD-2-Clause (478)
Dual License-GPL-2.0+ or BSD-3-Clause (479)

Dual License-GPL or BSD (480)

1.1.61 usbutils 010

1.1.61.1 Copyrights

Copyright (c) 2004 Scott James Remnant <scott@netsplit.com>.
Copyright (c) 2012-2015 Dan Nicholson <dbn.lists@gmail.com>
Copyright (c) 1992-2017 Free Software Foundation, Inc.
Copyright (c) 2018 Greg Kroah-Hartman <gregkh@linuxfoundation.org>
Copyright (c) 2013 Kurt Garloff <kurt@garloff.de>
Copyright (c) 2009-2016 Alan Stern
Copyright (c) 2004-2009 Randy Dunlap <rdunlap@xenotime.net>
Copyright (c) 2009 Kurt Garloff <garloff@suse.de>
Copyright (c) 2009 Kay Sievers <kay.sievers@vrfy.org>
Copyright (c) 2009, 2011 Greg Kroah-Hartman <gregkh@suse.de>
Copyright (c) 2004-2009 Greg Kroah-Hartman <greg@kroah.com>
Copyright (c) 2004-2009 Frans Pop <elendil@planet.nl>>
Copyright (c) 2005-2006 David Brownell <dbrownell@users.sourceforge.net>>
Copyright (c) 1999-2004 Thomas Sailer <sailer@ife.ee.ethz.ch>
Copyright (c) 2017 Michael Drake <michael.drake@codethink.co.uk>
Copyright (c) 2013 Tom Gundersen <teg@jklm.no>>
Copyright (c) 2004-2017 Bootstrap Authors
Copyright (c) 2009-2011 Nikolai Kondrashov
Copyright (c) 2004-2005, 2007- 2008-2011 -2017 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (c) 2004-2005, 2007, 2009, 2011-2017 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (c) 2003-2005 David Brownell
Copyright (c) 2003 Aurelien Jarno (aurelien@aurel32.net)
Copyright (c) 1999-2017 Free Software Foundation, Inc. Written by Tom Tromey <tromey@cygnus.com>.
Copyright (c) 1999-2001, 2003 Thomas Sailer (t.sailer@alumni.ethz.ch)
Copyright (c) 1996-2017 Free Software Foundation, Inc. Originally written by Fran,cois Pinard <pinard@iro.umontreal.ca>, 1996.
Copyright (c) 1996-2001, 2003-2017 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (c) 1994 X Consortium>

1.1.61.2 Acknowledgements

Dual Licensed under GPL-2.0 or GPL-3.0.
In this context GPL-2.0 is preferred as it is the Main License. This shall not restrict the freedom of other users from choosing either GPL-2.0 or GPL-3.0.

1.1.61.3 Licenses

GPL-2.0 (14)
Dual License - GPL-2.0 or GPL- 3.0 (481)
GPL-2.0+ (50)

1.1.62 util-linux 2.32.1

1.1.62.1 Copyrights

© Gunnar Ritter, 2000–2001.
copyright 2010-2018 Karel Zak

copyright 2009-2017 Karel Zak
copyright (c) 1997-2005 by Frodo Looijaard frodo@frodo.looijaard.name>.
copyright (C) 1987, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97 Free Software Foundation, Inc.
Copyright © Michael Piefel <piefel@informatik.hu-berlin.de>, 2002, 2004, 2005, 2007, 2008.
Copyright © Karel Zak <kzak@redhat.com> 2014 "
Copyright © 2015 Free Software Foundation, Inc.
Copyright © 2014 Karel Žák <kzak@redhat.com> "
Copyright © 2014 Karel Zak <kzak@redhat.com> "
Copyright © 2014 Benjamin Weis <benjamin.weis@gmx.com> Mario Blättermann <mario.blaettermann@gmail.com>, 2014, 2015. Philipp Thomas <pth@suse.de>, 2014, 2015, 2017.
Copyright © 2012-2015 Dan Nicholson <dbn.lists@gmail.com>
Copyright © 2012 Karel Zak <kzak@redhat.com>
Copyright © 2012 Arun Persaud <arun@nubati.net>
Copyright © 2011,2015,2016 Philipp Thomas <pth@suse.de>
Copyright © 2004 Scott James Remnant <scott@netsplit.com>.
Copyright © 2004 Nilgün Belma Bugüner.
Copyright © 2002-2018 Lauri Nurmi <lanurmi@iki.fi> Lauri Nurmi <lanurmi@iki.fi>, 2002-2018. Tommi Nieminen <translator@legisign.org>, 2017.
Copyright © 2002, 2003, 2004, 2005 Free Software Foundation, Inc. Antoni Bella Perez <bella5@teleline.es>, 2002, 2003. Jordi Mallach <jordi@gnu.org>, 2004, 2005. Josep Puigdemont <josep.puigdemont@gmail.com>, 2005
Copyright © 2001, 2002, 2003, 2004, 2007, 2016, 2017 Free Software Foundation, Inc. Christian Rose <menthos@menthos.com>, 2001, 2002, 2003, 2004. Daniel Nylander <po@danielnylander.se>, 2007. Sebastian Rasmussen <sebras@gmail.com>, 2016, 2017.
Copyright © 2001, 2002 Karl Eichwalder.
Copyright © 2000–2001 Gunnar Ritter.
Copyright © 2000-2001 Gunnar Ritter.
Copyright © 1999, 2000, 2001, 2014 Elrond <Elrond@Wunder-Nett.org>
Copyright © 1996-2006, 2008-2018 Free Software Foundation, Inc.
Copyright © 1994–2002 Kevin E. Martin & aeb\n"
Copyright © 1994–1999 Kevin E. Martin & aeb"
Copyright © 1994-2002 Kevin E. Martin och aeb\n"
Copyright © 1994-2002 Kevin E. Martin i aeb\n"
Copyright © 1994-2002 Kevin E. Martin & aeb\n"
Copyright © 1994-1999 Kevin E. Martin och aeb"
Copyright © 1994-1999 Kevin E. Martin i aeb"
Copyright © 1994-1999 Kevin E. Martin & aeb"
Copyright Red Hat Software, 1999, 2000
Copyright IBM Corp. 2016
Copyright IBM Corp. 2011 Author(s): Heiko Carstens <heiko.carstens@de.ibm.com>,
Copyright IBM Corp. 2011
Copyright 2017 Sami Kerola <kerolasa@iki.fi>
Copyright 2017 Red Hat, Inc.
Copyright 2015 Ondrej Oprala(ooprala@redhat.com)
Copyright 2015 Karel Zak <kzak@redhat.com>
Copyright 2014 Red Hat, Inc.
Copyright 2014 Ondrej Oprala (ondrej.oprala@gmail.com)
Copyright 2014 Ondrej Oprala <ooprala@redhat.com>
Copyright 2012 Vivek Goyal <vgoyal@redhat.com>
Copyright 2012 Red Hat, Inc.
Copyright 2012 Davidlohr Bueso <dave@gnu.org>
Copyright 2012 Davidlohr Bueso <dave@gnu.org>
Copyright 2011 Davidlohr Bueso <dave@gnu.org>
Copyright 2010 Lennart Poettering

Copyright 2010 Jason Borden <jborden@bluehost.com>
Copyright 2010 Davidlohr Bueso <dave@gnu.org>
Copyright 2009 by Karel Zak. All Rights Reserved.
Copyright 2009 Tim Gardner <tim.gardner@canonical.com>
Copyright 2009 Red Hat, Inc. All rights reserved.
Copyright 2009 Marcel Holtmann <marcel@holtmann.org>
Copyright 2009 Johannes Berg <johannes@sipsolutions.net>
Copyright 2008 Tilman Schmidt (tilman@imap.cc)
Copyright 2008 Hayden A. James (hayden.james@gmail.com)
Copyright 2007 by Theodore Ts'o. All Rights Reserved. This file may be copied under the terms of the GNU Public License.
Copyright 2007 Red Hat, Inc.
Copyright 2007 Red Hat, Inc.
Copyright 2007 Karel Zak <kzak@redhat.com>
Copyright 2003-2006 H. Peter Anvin - All Rights Reserved
Copyright 2003-2005 H. Peter Anvin - All Rights Reserved
Copyright 2002-2009 Red Hat, Inc. All rights reserved.
Copyright 2002 Andre C. Mazzone (linuxdev@karagee.com)
Copyright 2001 Gunnar Ritter
Copyright 2001 Andreas Dilger (adilger@turbolinux.com)
Copyright 2000, Niels Kristian Bech Jensen <nkbj@image.dk>.
Copyright 2000 Colin Watson (cjw44@cam.ac.uk)
Copyright 2000 Andreas Dilger (adilger@turbolinux.com)
Copyright 1999 Andries E. Brouwer (aeb@cwi.nl)
Copyright 1999 Andreas Dilger (adilger@enel.ucalgary.ca)
Copyright 1998 Andries E. Brouwer (aeb@cwi.nl)
Copyright 1996-2013 Free Software Foundation, Inc.
Copyright 1994 Salvatore Valente (svalente@mit.edu)
Copyright 1994 Kevin E. Martin (martin@cs.unc.edu)
Copyright 1993, 1994, 1995 by Theodore Ts'o. All Rights Reserved.
Copyright 1993 Rickard E. Faith (faith@cs.unc.edu)
Copyright 1992-2017 Free Software Foundation, Inc.
Copyright 1992, 1993, 1994 Rickard E. Faith (faith@cs.unc.edu)
Copyright 1992, 1993 Rickard E. Faith (faith@cs.unc.edu)
Copyright 1992, 1993 Rickard E. Faith (faith@cs.unc.edu)
Copyright 1992 Rickard E. Faith (faith@cs.unc.edu)
Copyright 1992 Rickard E. Faith (faith@cs.unc.edu)
Copyright 1990 Gordon Irlam (gordoni@cs.ua.oz.au)
Copyright (c) 2017 Sami Kerola
Copyright (c) 2016 Werner Fink <werner@suse.de>
Copyright (c) 2016 SUSE Linux GmbH, All rights reserved.
Copyright (c) 2014 Timofey Titovets <Nefelim4ag@gmail.com>
Copyright (c) 2014 Kevin Cernekee <cernekee@gmail.com>
Copyright (c) 2012 Werner Fink <werner@suse.de>
Copyright (c) 2011 SuSE LINUX Products GmbH, All rights reserved.
Copyright (c) 2010 Rosetta Contributors and Canonical Ltd
Copyright (c) 2008 Roy Peled, the.roy.peled -at- gmail.com
Copyright (c) 2008 Roy Peled, the.roy.peled -at- gmail
Copyright (c) 2007, SUSE LINUX Products GmbH Bernhard Walle <bwalle@suse.de>
Copyright (c) 2004-2006 by Juliane Holzt, kju -at- fqdn.org
Copyright (c) 2003-2005 Silicon Graphics, Inc.
Copyright (c) 2000-2001 Gunnar Ritter. All rights reserved.\n" msgstr ""
Copyright (c) 2000-2001 Gunnar Ritter. All rights reserved.\n"
Copyright (c) 2000-2001 Gunnar Ritter. All rights reserved.
Copyright (c) 2000-2001 Gunnar Ritter. All rights reserved.

Copyright (c) 2000-2001 Gunnar Ritter.
Copyright (c) 2000-2001 Gunnar Ritter.
Copyright (c) 1997-2014 Frodo Looijaard <frodo@frodo.looijaard.name>
Copyright (c) 1996-2004 Andries Brouwer
Copyright (c) 1996 Andries Brouwer
Copyright (c) 1992 Rik Faith (faith@cs.unc.edu)
Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1990 The Regents of the University of California. All rights reserved.
Copyright (c) 1989, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1989, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1989, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1989, 1990 The Regents of the University of California. All rights reserved.
Copyright (c) 1989 The Regents of the University of California. All rights reserved.
Copyright (c) 1988, 1993, 1994, 2017 The Regents of the University of California. All rights reserved.
Copyright (c) 1988, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1988, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1988, 1990 The Regents of the University of California.
Copyright (c) 1988 Mark Nudleman All rights reserved.
Copyright (c) 1987, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1987, 1992 The Regents of the University of California. All rights reserved.
Copyright (c) 1987, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1987 Regents of the University of California. All rights reserved.
Copyright (c) 1985, 1992 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1991, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1991 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1989, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1980, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1980, 1991, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1980, 1991 Regents of the University of California. All rights reserved.
Copyright (c) 1980, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1980, 1990 The Regents of the University of California. All rights reserved.
Copyright (c) 1980, 1990 Regents of the University of California. All rights reserved.
Copyright (c) 1980, 1989, 1991 The Regents of the University of California. All rights reserved.
Copyright (c) 1980, 1987, 1988 The Regents of the University of California. All rights reserved.
Copyright (c) 1980 The Regents of the University of California. All rights reserved.
Copyright (c) 1980 Regents of the University of California. All rights reserved.
Copyright (C) 2018 Vaclav Dolezal <vdolezal@redhat.com>
Copyright (C) 2018 Tony Asleson <tasleson@redhat.com>
Copyright (C) 2018 Riku Voipio <riku.voipio@iki.fi>
Copyright (C) 2018 Karel Zak <kzak@redhat.com>
Copyright (C) 2018 Free Software Foundation, Inc.
Copyright (C) 2017 Sami Kerola <kerolasa@iki.fi>
Copyright (C) 2017 Red Hat, Inc. All rights reserved. Written by Masatake YAMATO <yamato@redhat.com>
Copyright (C) 2017 Red Hat, Inc.
Copyright (C) 2017 Rafał Miłecki <rafal@milecki.pl>
Copyright (C) 2017 Philip Prindeville
Copyright (C) 2017 Niklas Hambüchen <mail@nh2.me>
Copyright (C) 2017 Masatake YAMATO <yamato@redhat.com>
Copyright (C) 2017 Karel Zak <kzak@redhat.com>
Copyright (C) 2017 Hewlett Packard Enterprise Development LP

Copyright (C) 2016-2017 Karel Zak <kzak@redhat.com>
Copyright (C) 2016 Stanislav Brabec <sbrabec@suse.cz>
Copyright (C) 2016 Sami Kerola <kerolasa@iki.fi>
Copyright (C) 2016 Micron Technology, Inc.
Copyright (C) 2016 Karel Zak <kzak@redhat.com>
Copyright (C) 2016 Igor Gnatenko <i.gnatenko.brain@gmail.com>
Copyright (C) 2016 David Sterba <dsterba@suse.cz>
Copyright (C) 2015,2016 Seagate Technology PLC Written by Shaun Tancheff
<shaun.tancheff@seagate.com>
Copyright (C) 2015 by Philipp Marek <philipp.marek@linbit.com>
Copyright (C) 2015 Sami Kerola <kerolasa@iki.fi>
Copyright (C) 2015 Ondrej Oprala <ooprala@redhat.com>
Copyright (C) 2015 Karel Zak <ooprala@redhat.com>
Copyright (C) 2015 Karel Zak <kzak@redhat.com>
Copyright (C) 2015 Karel Zak <kzak@redhat.com>
Copyright (C) 2015 Free Software Foundation, Inc.
Copyright (C) 2014-2017 Pali Rohár <pali.rohar@gmail.com>
Copyright (C) 2014-2017 Karel Zak <kzak@redhat.com>"
Copyright (C) 2014-2016 Karel Zak <kzak@redhat.com>
Copyright (C) 2014-2015 Karel Zak <kzak@redhat.com>
Copyright (C) 2014 Sami Kerola <kerolasa@iki.fi>
Copyright (C) 2014 Ondrej Oprala <ooprala@redhat.com>
Copyright (C) 2014 Ondrej Oprala <ooprala@redhat.com
Copyright (C) 2014 Karel Zak <kzak@redhat.com>"
Copyright (C) 2014 Karel Zak <kzak@redhat.com> "
Copyright (C) 2014 Karel Zak <kzak@redhat.com>
Copyright (C) 2014 Free Software Foundation, Inc.
Copyright (C) 2014 Free Software Foundation, Inc.
Copyright (C) 2014 Federico Simoncelli <fsimonce@redhat.com>
Copyright (C) 2013, Red Hat, Inc. All rights reserved.
Copyright (C) 2013 Rolf Fokkens <rolf@fokkens.nl>
Copyright (C) 2013 Ondrej Oprala <ooprala@redhat.com> Karel Zak <kzak@redhat.com>
Copyright (C) 2013 Karel Zak <kzak@redhat.com> 2013 Sami Kerola <kerolasa@iki.fi>
Copyright (C) 2013 Karel Zak <kzak@redhat.com>
Copyright (C) 2013 Karel Zak <kzak@redhat.com>
Copyright (C) 2013 Eric Sandeen <sandeen@redhat.com>
Copyright (C) 2013 Alejandro Martinez Ruiz <alex@nowcomputing.com>
Copyright (C) 2012-2015 Karel Zak <kzak@redhat.com>
Copyright (C) 2012-2014 Karel Zak <kzak@redhat.com>
Copyright (C) 2012-2013 Eric Biederman <ebiederm@xmission.com>
Copyright (C) 2012 Werner Fink <werner@suse.de>
Copyright (C) 2012 Sami Kerola <kerolasa@iki.fi>
Copyright (C) 2012 SUSE Linux Products GmbH, Nuernberg
Copyright (C) 2012 Red Hat, Inc. All rights reserved. Written by Lukas Czerner
<lczerner@redhat.com>
Copyright (C) 2012 Ondrej Oprala <ooprala@redhat.com>
Copyright (C) 2012 Milan Broz <mbroz@redhat.com>
Copyright (C) 2012 Lennart Poettering
Copyright (C) 2012 Karel Zak <kzak@redhat.com>
Copyright (C) 2012 Free Software Foundation, Inc.
Copyright (C) 2012 Free Software Foundation, Inc.
Copyright (C) 2012 Davidlohr Bueso <dave@gnu.org> 2013 Karel Zak <kzak@redhat.com>
Copyright (C) 2012 Davidlohr Bueso <dave@gnu.org>
Copyright (C) 2012 Andy Lutomirski <luto@amacapital.net>
Copyright (C) 2011-2017 Kareil Zak <kzak@redhat.com>

Copyright (C) 2011-2017 Free Software Foundation, Inc.
Copyright (C) 2011-2014 Karel Zak <kzak@redhat.com>
Copyright (C) 2011 by Philipp Marek <philipp.marek@linbit.com>
Copyright (C) 2011 Sami Kerola <kerolasa@iki.fi> 2011 Karel Zak <kzak@redhat.com>
Copyright (C) 2011 Sami Kerola <kerolasa@iki.fi>
Copyright (C) 2011 Red Hat, Inc. All rights reserved. Written by Karel Zak <kzak@redhat.com>
Copyright (C) 2011 Karel Zak <kzak@redhat.com> This file is part of util-linux.
Copyright (C) 2011 Karel Zak <kzak@redhat.com> Rewritten to PAM-only version.
Copyright (C) 2011 Karel Zak <kzak@redhat.com> Originally from Ted's losetup.c
Copyright (C) 2011 Karel Zak <kzak@redhat.com>
Copyright (C) 2011 Free Software Foundation, Inc.
Copyright (C) 2011 Davidlohr Bueso <dave@gnu.org>
Copyright (C) 2010-2017 Free Software Foundation, Inc. Written by Peter Rosin
<peda@lysator.liu.se>.
Copyright (C) 2010-2015 Red Hat, Inc. All rights reserved. Written by Karel Zak
<kzak@redhat.com>
Copyright (C) 2010-2015 Free Software Foundation, Inc.
Copyright (C) 2010-2014 Karel Zak <kzak@redhat.com>
Copyright (C) 2010-2013 Karel Zak <kzak@redhat.com>
Copyright (C) 2010,2011,2012 Red Hat, Inc. All rights reserved. Written by Milan Broz
<mbroz@redhat.com> Karel Zak <kzak@redhat.com>
Copyright (C) 2010,2011,2012 Karel Zak <kzak@redhat.com>
Copyright (C) 2010 by Jiro SEKIBA <jir@unicus.jp>
Copyright (C) 2010 Red Hat, Inc. All rights reserved. Written by Lukas Czerner
<lczerner@redhat.com> Karel Zak <kzak@redhat.com>
Copyright (C) 2010 Michael Krapp
Copyright (C) 2010 Karel Zak <kzak@redhat.com> TS_TOPDIR="${0%/*}/../.."
TS_DESC="context-py (utab)"
Copyright (C) 2010 Karel Zak <kzak@redhat.com>
Copyright (C) 2010 Jeroen Oortwijn <oortwijn@gmail.com>
Copyright (C) 2010 Jason Borden <jborden@bluehost.com>
Copyright (C) 2010 Hajime Taira <htaira@redhat.com> Masatake Yamato
<yamato@redhat.com>
Copyright (C) 2010 Free Software Foundation, Inc.
Copyright (C) 2010 Davidlohr Bueso <dave@gnu.org> Karel Zak <kzak@redhat.com>
Copyright (C) 2010 Davidlohr Bueso <dave@gnu.org>
Copyright (C) 2010 Andrew Nayenko <resver@gmail.com>
Copyright (C) 2009-2017 Free Software Foundation, Inc.
Copyright (C) 2009-2014 Karel Zak <kzak@redhat.com>
Copyright (C) 2009-2013 Karel Zak <kzak@redhat.com>
Copyright (C) 2009-2011 Karel Zak <kzak@redhat.com>
Copyright (C) 2009-2010 by Andreas Dilger <adilger@sun.com>
Copyright (C) 2009-2010 Free Software Foundation, Inc.
Copyright (C) 2009 by Bastian Friedrich <bastian.friedrich@collax.com>
Copyright (C) 2009 Red Hat, Inc. All rights reserved. Written by Karel Zak <kzak@redhat.com>
Copyright (C) 2009 Red Hat, Inc.
Copyright (C) 2009 Mikhail Gusarov <dottedmag@dottedmag.net>
Copyright (C) 2009 Mike Hommey <mh@glandium.org>
Copyright (C) 2009 Karel Zak <kzak@redhat.com>
Copyright (C) 2009 Corentin Chary <corentincj@iksaif.net>
Copyright (C) 2008-2016, util-linux's authors.
Copyright (C) 2008-2013 Karel Zak <kzak@redhat.com>
Copyright (C) 2008-2012 Karel Zak <kzak@redhat.com>
Copyright (C) 2008-2011 Free Software Foundation, Inc.
Copyright (C) 2008-2010 Karel Zak <kzak@redhat.com>

Copyright (C) 2008-2009 Red Hat, Inc. All rights reserved. Written by Eric Sandeen <sandeen@redhat.com> Karel Zak <kzak@redhat.com>
Copyright (C) 2008-2009 Karel Zak <kzak@redhat.com>
Copyright (C) 2008,2009,2012 Karel Zak <kzak@redhat.com>
Copyright (C) 2008, Karel Zak <kzak@redhat.com>
Copyright (C) 2008, James Youngman <jay@gnu.org>
Copyright (C) 2008 Kay Sievers <kay.sievers@vrfy.org>
Copyright (C) 2008 Karel Zak <kzak@redhat.com> Based on libblkid/version.c by Theodore Ts'o]
Copyright (C) 2008 Karel Zak <kzak@redhat.com>
Copyright (C) 2008 James Youngman <jay@gnu.org>
Copyright (C) 2008 Hayden A. James (hayden.james@gmail.com)
Copyright (C) 2008 Cai Qian <qcai@redhat.com>
Copyright (C) 2007-2018 Karel Zak <kzak@redhat.com>
Copyright (C) 2007-2014 Karel Zak <kzak@redhat.com>
Copyright (C) 2007-2013 Karel Zak <kzak@redhat.com> 2012 Davidlohr Bueso <dave@gnu.org>
Copyright (C) 2007-2013 Karel Zak <kzak@redhat.com>
Copyright (C) 2007-2011 Free Software Foundation, Inc.
Copyright (C) 2007 Theodore Ts'o.
Copyright (C) 2007 Theodore Ts'o
Copyright (C) 2007 Matthias Koenig <mkoenig@suse.de>
Copyright (C) 2007 Karel Zak <kzak@redhat.com>
Copyright (C) 2006-2017 Free Software Foundation, Inc.
Copyright (C) 2006-2012 Karel Zak <kzak@redhat.com>
Copyright (C) 2006-2010 - Karel Zak <kzak@redhat.com>
Copyright (C) 2006 Hewlett-Packard Development Company, L.P. Huschaam Hussain <Huschaam.Hussain@hp.com>
Copyright (C) 2005 Kay Sievers <kay.sievers@vrfy.org>
Copyright (C) 2005 Jens Axboe <jens@axboe.dk>
Copyright (C) 2005 Free Software Foundation, Inc.
Copyright (C) 2005 Adrian Bunk <bunk@stusta.de>
Copyright (C) 2004-2017 Free Software Foundation, Inc.
Copyright (C) 2004-2015 Free Software Foundation, Inc.
Copyright (C) 2004-2013 Free Software Foundation, Inc.
Copyright (C) 2004-2008 Kay Sievers <kay.sievers@vrfy.org>
Copyright (C) 2004-2005, 2007-2009, 2011-2015 Free Software Foundation, Inc.
Copyright (C) 2004-2005, 2007-2008, 2011-2015 Free Software Foundation, Inc.
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc.
Copyright (C) 2004 Theodore Ts'o.
Copyright (C) 2004 Robert Love
Copyright (C) 2004 Kay Sievers <kay.sievers@vrfy.org>
Copyright (C) 2004 Free Software Foundation, Inc
Copyright (C) 2003-2017 Free Software Foundation, Inc.
Copyright (C) 2003-2007 Red Hat, Inc.
Copyright (C) 2003, 2004, 2005 Thorsten Kukuk Author: Thorsten Kukuk <kukuk@suse.de>
Copyright (C) 2003 Theodore Ts'o
Copyright (C) 2003 Free Software Foundation Inc.
Copyright (C) 2002-2017 Free Software Foundation, Inc.
Copyright (C) 2002, 2007, 2008, 2010 Free Software Foundation, Inc.
Copyright (C) 2002, 2003 Free Software Foundation, Inc.
Copyright (C) 2002 Meelis Roos <mroos@linux.ee> Meelis Roos <mroos@linux.ee>, 2002
Copyright (C) 2002 Free Software Foundation, Inc.
Copyright (C) 2001-2017 Free Software Foundation, Inc.

Copyright (C) 2001-2013 Free Software Foundation, Inc.
Copyright (C) 2001-2005, 2008-2013 Free Software Foundation, Inc.
Copyright (C) 2001, 2003 Theodore Y. Ts'o
Copyright (C) 2001, 2003 Theodore Ts'o.
Copyright (C) 2001, 2002, 2003 Santiago Vila Doncel <sanvila@unex.es>.
Copyright (C) 2001 by Andreas Dilger
Copyright (C) 2001 Andreas Dilger
Copyright (C) 2000-2017 Free Software Foundation, Inc.
Copyright (C) 2000-2003, 2006, 2008-2017 Free Software Foundation, Inc.
Copyright (C) 2000-2002, 2007-2013 Free Software Foundation, Inc.
Copyright (C) 2000-2002 Transmeta Corporation 2005 Adrian Bunk
Copyright (C) 2000-2001 Gunnar Ritter.
Copyright (C) 2000-2001 Gunnar Ritter.
Copyright (C) 2000, 2005, 2006, 2008 Free Software Foundation, Inc.
Copyright (C) 2000, 2001, 2003 Theodore Ts'o
Copyright (C) 2000 by Theodore Ts'o.
Copyright (C) 2000 Werner Almesberger
Copyright (C) 2000 Beth Powell <bpowell@turbolinux.com>.
Copyright (C) 1999-2017 Free Software Foundation, Inc. Written by Tom Tromey <tromey@cygnus.com>.
Copyright (C) 1999-2017 Free Software Foundation, Inc.
Copyright (C) 1999-2008 by Theodore Ts'o
Copyright (C) 1999-2002 Transmeta Corporation
Copyright (C) 1999-2000, 2002-2017 Free Software Foundation, Inc.
Copyright (C) 1999, Andreas Dilger and Theodore Ts'o
Copyright (C) 1999, 2001 by Andries Brouwer
Copyright (C) 1999, 2000, 2003 by Theodore Ts'o
Copyright (C) 1999, 2000, 2001, 2002, 2003 Theodore Ts'o
Copyright (C) 1999, 2000, 2001 Elrond <Elrond@Wunder-Nett.org>.
Copyright (C) 1999 by Andries Brouwer
Copyright (C) 1999 Jakub Jelinek <jj@ultra.linux.cz>
Copyright (C) 1999 Free Software Foundation, Inc.
Copyright (C) 1998-2006 Miquel van Smoorenburg.
Copyright (C) 1998-2004 Miquel van Smoorenburg.
Copyright (C) 1998-2003 Miquel van Smoorenburg.
Copyright (C) 1998, 1999 Theodore Ts'o.
Copyright (C) 1998 Danek Duvall <duvall@alumni.princeton.edu>
Copyright (C) 1998 Andrea Arcangeli <andrea@e-mind.com>
Copyright (C) 1997-2017 Free Software Foundation, Inc.
Copyright (C) 1997 The Open Group
Copyright (C) 1996-2017 Free Software Foundation, Inc.
Copyright (C) 1996-2015 Free Software Foundation, Inc.
Copyright (C) 1996-2003, 2009-2013 Free Software Foundation, Inc.
Copyright (C) 1996-2003, 2005, 2008-2013 Free Software Foundation, Inc. dnl
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1996, 1997, 1998, 1999 Theodore Ts'o.
Copyright (C) 1996, 1997, 1998 Theodore Ts'o.
Copyright (C) 1996, 1997 Theodore Ts'o.
Copyright (C) 1995-2013 Free Software Foundation, Inc. dnl
Copyright (C) 1995-2013 Free Software Foundation, Inc.
Copyright (C) 1995-2003, 2005-2006, 2008-2013 Free Software Foundation
Copyright (C) 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper <drepper@gnu.ai.mit.edu>
Copyright (C) 1995,1996,1997,1998,1999,2000,2008 Theodore Ts'o.
Copyright (C) 1995, 1995 Theodore Ts'o.

Copyright (C) 1995 Andries E. Brouwer (aeb@cwi.nl)
Copyright (C) 1994-2017 Free Software Foundation, Inc.
Copyright (C) 1994-2005 Jeff Tranter (tranter@pobox.com)
Copyright (C) 1994-2002 Kevin E. Martin & aeb\n"
Copyright (C) 1994-2000 Kevin E. Martin & aeb\n"
Copyright (C) 1994-1999 Kevin E. Martin & aeb"
Copyright (C) 1994,1996 Alessandro Rubini (rubini@ipvvis.unipv.it)
Copyright (C) 1994, 1995, 1996, 1997 Theodore Ts'o.
Copyright (C) 1994 X Consortium
Copyright (C) 1994 Kevin E. Martin (martin@cs.unc.edu)
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 by Theodore Ts'o.
Copyright (C) 1993, 1994 Theodore Ts'o.
Copyright (C) 1993 Theodore Ts'o <tytso@athena.mit.edu>
Copyright (C) 1992-2006 Free Software Foundation, Inc.
Copyright (C) 1992-1997 Michael K. Johnson, johnsonm@redhat.com
Copyright (C) 1992-1997 Michael K. Johnson <johnsonm@redhat.com>
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1992 A. V. Le Blanc (LeBlanc@mcc.ac.uk)
Copyright (C) 1991-2004 Miquel van Smoorenburg.
Copyright (C) 1991-2000 Miquel van Smoorenburg <miquels@cistron.nl>
Copyright (C) 1991, 1999 Free Software Foundation, Inc.
Copyright (C) 1991 Linus Torvalds 20.12.91
Copyright (C) 1990 Gordon Irlam (gordoni@cs.ua.oz.au). Conditions of use,
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.
Copyright (C) 1980 The Regents of the University of California. All rights reserved.
Copyright 2008 Karel Zak
Copyright 2008 James Youngman br
Copyright 2004 Robert M. Love.
Copyright 2003\-2006 H. Peter Anvin. br
COPYRIGHT (C) 1986 Gary S. Brown. You may use this program, or code or tables extracted from it, as desired without restriction.
(c) 2012 by Cody Maloney <cmaloney@theoreticalchaos.com>
(c) 2000-2001 Gunnar Ritter.
(c) 2000-2001 Gunnar Ritter.
(c) 1994 by salvatore valente <svalente@athena.mit.edu>
(c) 1994 Salvatore Valente <svalente@mit.edu>
(c) 1994 Salvatore Valente <svalente@mit.edu>
(c) 1994 Martin Schulze <joey@infodrom.north.de>
(c) 1980, 1989, 1991 The Regents of the University of California
(C) 2017 Sami Kerola
(C) 2014 Karel Zak <kzak@redhat.com> "
(C) 1994-2002 Kevin E. Martin & aeb\n"
(C) 1994-1999 Kevin E. Martin & aeb"
(C) 1993 E.YOUNGDALE (C) 1997-2006 J.PEARSON/J.SCHILLING
(C) 1991, 1992 Linus Torvalds. T
(C) 1991 Linus Torvalds.

1.1.62.2 Acknowledgements

This component can be licensed under GPL V2 or later. In this case the GPL V2 has been chosen. This shall not restrict the freedom of future users to choose GPL V2 or any later version.

This product includes software developed by the University of California, Berkeley and its contributors.

This component can be licensed under LGPL V2.1 or later. In this case the LGPL V2.1 has been chosen. This shall not restrict the freedom of future users to choose LGPL V2.1 or any later version.

1.1.62.3 Licenses

GPL-2.0 (53)
GPL-2.0 (482)
GPL-2.0+-with autoconf exception (483)
GPL-2.0+-with autoconf exception (236)
GPL-2.0+-with-libtool-exception (239)
GPL-2.0+-with-libtool-exception (484)
GPL-2.0+-with-libtool-exception (485)
GPL-2.0+-with-libtool-exception (485)
Public-domain (62)
FSF (261)
MIT-style (66)
Permission notice with Disclaimer (135)
MIT-style (486)
BSD-style (72)
GPL-3.0+-with-bison-exception (487)
BSD-4-Clause-UC (73)
BSD-3-Clause (76)
LGPL-2.1 (79)
MIT (47)
X11 (202)
LGPL-2.0 (488)
LGPL-2.0 (126)

1.1.63 zlib 1.2.11

1.1.63.1 Copyrights

Copyright (c) Jean-loup Gailly Osma Ahvenlampi <Osma.Ahvenlampi@hut.fi>
Copyright (c) Henrik Ravn 2004
Copyright (c) 1998-2010 Gilles Vollant
Copyright (c) 1997, 99 Borland Corporation
Copyright (c) 1997 Christian Michelsen Research AS Advanced Computing Fantoftvegen 38, 5036 BERGEN, Norway http://www.cmr.no
Copyright (c) 1996 L. Peter Deutsch and Jean-Loup Gailly
Copyright (c) 1996 L. Peter Deutsch
Copyright (c) 1990-2000 Info-ZIP. All rights reserved.
Copyright (c) 1995-2017 Mark Adler. All rights reserved.
Copyright (c) 2009-2010 Mathias Svensson (http://result42.com)
Copyright (c) 2007-2008 Even Rouault
Copyright (c) 2003 Cosmin Truta.
Copyright (c) 2003-2003 Chris Anderson <christop@charm.net>
Copyright (c) 2002-2004 Dmitriy Anisimkov
Copyright (c) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)
Copyright (c) 1998,1999,2000 by Jacques Nomssi Nzali.
Copyright (c) 1998, 2007 Brian Raiter <breadbox@muppetlabs.com>
Copyright (c) 1998 by Bob Dellaca.

Copyright (c) 1998 by Andreas R. Kleinert
Copyright (c) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson
Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (c) 1995-2017 Jean-loup Gailly
Copyright (c) 1995-2010 Jean-loup Gailly, Brian Raiter and Gilles Vollant.

1.1.63.2 Acknowledgements

Some files can be licensed under GPL V2 or later. In this case the GPL V2 has been chosen. This shall not restrict the freedom of future users to choose GPL V2 or any later version.

1.1.63.3 Licenses

Zlib (152)
GPL-2.0+-with-linking-exception-1 (489)
info-zip (490)
Permission Notice (491)
Permission Notice (492)
Permission Notice (493)
Public-domain (494)
BSD-3-Clause (495)
BSL-1.0 (19)

1.2 Licenses

1.2.1 Apache-2.0 (1)

```
Apache License
Version 2.0, January 2004
http:www.apache.org/licenses/
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
1. Definitions.
"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.
"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.
"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership of such entity.
"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.
"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.
"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.
"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).
"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.
```

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."
"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.
2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:
(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and
(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and
(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and
(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.
You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.
END OF TERMS AND CONDITIONS
APPENDIX: How to apply the Apache License to your work.
To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.
Copyright [yyyy] [name of copyright owner]
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http:www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.2.2 GPL-3.0+ Notice with Bison Exception (2)

```
This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program.  If not, see <http://www.gnu.org/licenses/>.
As a special exception, you may create a larger work that contains
part or all of the Bison parser skeleton and distribute that work
under terms of your choice, so long as that work isn't itself a
parser generator using the skeleton or a modified version thereof
as a parser skeleton.  Alternatively, if you modify or redistribute
the parser skeleton itself, you may (at your option) remove this
special exception, which will cause the skeleton and the resulting
Bison output files to be licensed under the GNU General Public
License without this special exception.
This special exception was added by the Free Software Foundation in
version 2.2 of Bison.
```

1.2.3 GPL-3.0 (3)

```
GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007
Copyright © 2007 Free Software Foundation, Inc. <http://fsf.org/>
Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.
Preamble
The GNU General Public License is a free, copyleft license for software and other
kinds of works.
The licenses for most software and other practical works are designed to take away
your freedom to share and change the works. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change all versions of a
program--to make sure it remains free software for all its users. We, the Free
Software Foundation, use the GNU General Public License for most of our software; it
applies also to any other work released this way by its authors. You can apply it to
your programs, too.
When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for them if you wish), that you receive source
code or can get it if you want it, that you can change the software or use pieces of
it in new free programs, and that you know you can do these things.
To protect your rights, we need to prevent others from denying you these rights or
asking you to surrender the rights. Therefore, you have certain responsibilities if
you distribute copies of the software, or if you modify it: responsibilities to
respect the freedom of others.
For example, if you distribute copies of such a program, whether gratis or for a fee,
you must pass on to the recipients the same freedoms that you received. You must make
sure that they, too, receive or can get the source code. And you must show them these
terms so they know their rights.
Developers that use the GNU GPL protect your rights with two steps: (1) assert
copyright on the software, and (2) offer you this License giving you legal permission
to copy, distribute and/or modify it.
For the developers' and authors' protection, the GPL clearly explains that there is no
warranty for this free software. For both users' and authors' sake, the GPL requires
that modified versions be marked as changed, so that their problems will not be
attributed erroneously to authors of previous versions.
Some devices are designed to deny users access to install or run modified versions of
the software inside them, although the manufacturer can do so. This is fundamentally
incompatible with the aim of protecting users' freedom to change the software. The
systematic pattern of such abuse occurs in the area of products for individuals to
use, which is precisely where it is most unacceptable. Therefore, we have designed
this version of the GPL to prohibit the practice for those products. If such problems
```

arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.
Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.
The precise terms and conditions for copying, distribution and modification follow.
TERMS AND CONDITIONS
0. Definitions.
"This License" refers to version 3 of the GNU General Public License.
"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.
"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.
To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.
A "covered work" means either the unmodified Program or a work based on the Program.
To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.
To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.
An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.
1. Source Code.
The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.
A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.
The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.
The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.
The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.
The Corresponding Source for a work in source code form is that same work.
2. Basic Permissions.
All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output

from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.
You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.
Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.
When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.
You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:
a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.
A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:
a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.
A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.
A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.
"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.
If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).
The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.
Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.
7. Additional Terms.
"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional

permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.
When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.
Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:
a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.
All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.
If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.
Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).
However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.
Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.
Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.
An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.
You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.
11. Patents.
A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".
A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.
Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.
In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.
If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extent the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.
If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.
A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.
Also add information on how to contact you by electronic and paper mail.
If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".
You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.
The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

1.2.4 Apache-2.0 Notice-1 (4)

Licensed to the Apache Software Foundation (ASF) under one or more
contributor license agreements. See the NOTICE file distributed with
this work for additional information regarding copyright ownership.
The ASF licenses this file to You under the Apache License, Version 2.0
(the "License"); you may not use this file except in compliance with
the License. You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.2.5 BSD-3-Clause (5)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

3. The name of the author may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,

WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.6 Zlib (6)

Copyright (C) 1999, 2000, 2002 Aladdin Enterprises. All rights reserved.

This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that
you wrote the original software. If you use this software in a product, an
acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not
bemisrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

L. Peter Deutsch
ghost@aladdin.com

1.2.7 Apache-2.0 Notice-2 (7)

Licensed to the Apache Software Foundation (ASF) under one
or more contributor license agreements. See the NOTICE file
distributed with this work for additional information
regarding copyright ownership. The ASF licenses this file
to you under the Apache License, Version 2.0 (the
"License"); you may not use this file except in compliance
with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing,
software distributed under the License is distributed on an
"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY
KIND, either express or implied. See the License for the
specific language governing permissions and limitations
under the License.

Contains some contributions under the Thrift Software License.
Please see doc/old-thrift-license.txt in the Thrift distribution for
details.

1.2.8 Apache-2.0 Notice-3 (8)

This package was debianized by Thrift Developer's <dev@thrift.apache.org>.

This package and the Debian packaging is licensed under the Apache License,see
`/usr/share/common-licenses/Apache-2.0'.

1.2.9 PHP License 3.0.1-Notice (9)

Copyright (c) 1997-2010 The PHP Group This source file is subject to version 3.01 of
the PHP license,
that is bundled with this package in the file LICENSE, and is
available through the world-wide-web at the following url:
http://www.php.net/license/3_01.txt |
If you did not receive a copy of the PHP license and are unable to obtain it through
the world-wide-web, please send a note to
| license@php.net so we can mail you a copy immediately.

1.2.10 PHP License-3.01 (10)

```
The PHP License, version 3.01
Copyright (c) 1999 - 2014 The PHP Group. All rights reserved.


Redistribution and use in source and binary forms, with or without
modification, is permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

3. The name "PHP" must not be used to endorse or promote products
derived from this software without prior written permission. For
written permission, please contact group@php.net.

4. Products derived from this software may not be called "PHP", nor
may "PHP" appear in their name, without prior written permission
from group@php.net.  You may indicate that your software works in
conjunction with PHP by saying "Foo for PHP" instead of calling
it "PHP Foo" or "phpfoo"

5. The PHP Group may publish revised and/or new versions of the
license from time to time. Each version will be given a
distinguishing version number.
Once covered code has been published under a particular version
of the license, you may always continue to use it under the terms
of that version. You may also choose to use such covered code
under the terms of any subsequent version of the license
published by the PHP Group. No one other than the PHP Group has
the right to modify the terms applicable to covered code created
under this License.

6. Redistributions of any form whatsoever must retain the following
acknowledgment:
"This product includes PHP software, freely available from
<http://www.php.net/software/>".

THIS SOFTWARE IS PROVIDED BY THE PHP DEVELOPMENT TEAM ``AS IS'' AND
ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE PHP
DEVELOPMENT TEAM OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
OF THE POSSIBILITY OF SUCH DAMAGE
```

1.2.11 Apache-2.0 Notice-4 (11)

```
Distributed under the Thrift Software License
See accompanying file LICENSE or visit the Thrift site at:
http://developers.facebook.com/thrift/
```

1.2.12 LGPL-2.1+ (12)

```
GNU LESSER GENERAL PUBLIC LICENSE
```

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.

Finally, software patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the

ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain
special circumstances.

For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it becomes
a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library to free
software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.

Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order to run.
GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other
program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is

included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote

it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the

Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot

use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made

generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

```
If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change.  You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library.  It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA  02110-1301  USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary.  Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
```

1.2.13 GPL-2.0+ Notice (13)

```
Copyright (c) 2000-2002,2004 Silicon Graphics, Inc.
All Rights Reserved.

This program is free software: you can redistribute it and/or modify it
under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program.  If not, see <http://www.gnu.org/licenses/>.
```

1.2.14 GPL-2.0 (14)

```
GNU General Public License, version 2
```

What to do if you see a possible GPL violation
Translations of the GPL
GPL Frequently Asked Questions
The GNU General Public License (GPL) in plain text format
The GNU General Public License (GPL) in Texinfo format
The GNU General Public License (GPL) in LaTeX format
The GNU General Public License (GPL) as an appendix in DocBook format
Table of Contents

GNU GENERAL PUBLIC LICENSE

Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous

contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts
in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.2.15 GPL-2.0 (15)

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software

Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's

source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your

cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,

INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING
OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED
TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY
YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER
PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

```
This General Public License does not permit incorporating your program into
proprietary programs.  If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library.  If this is what you want to do, use the GNU Library General
Public License instead of this License.
```

1.2.16 GPL-2.0 Notice 1 (16)

```
License: GPL-2
```

1.2.17 GPL-2.0 Notice 2 (17)

```
This program is free software; you can redistribute it and/or modify
it under the terms of version 2 of the GNU General Public License as published by the
Free Software Foundation.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied
warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with this
program; if not, write to the Free Software Foundation,
Inc., 51 Franklin St, Fifth Floor, Boston, MA  02110-1301  USA
```

1.2.18 Public Domain Notice (18)

```
Files: passwd.master, group.master
License: PD
X-Notes: Originally written by Ian Murdock <imurdock@debian.org> and  Bruce Perens
<bruce@pixar.com>.
```

1.2.19 BSL-1.0 (19)

```
Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization
obtaining a copy of the software and accompanying documentation covered by
this license (the "Software") to use, reproduce, display, distribute,
execute, and transmit the Software, and to prepare derivative works of the
Software, and to permit third-parties to whom the Software is furnished to
do so, all subject to the following:

The copyright notices in the Software and this entire statement, including
the above license grant, this restriction and the following disclaimer,
must be included in all copies of the Software, in whole or in part, and
all derivative works of the Software, unless such copies or derivative
works are solely in the form of machine-executable object code generated by
a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT
SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE
FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE,
ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS IN THE SOFTWARE.
```

1.2.20 Public Domain Notice(Alexander Peslyak) (20)

```
This software was written by Alexander Peslyak in 2001.  No copyright is
claimed, and the software is hereby placed in the public domain.
In case this attempt to disclaim copyright and place the software in the
public domain is deemed null and void, then the software is
Copyright (c) 2001 Alexander Peslyak and it is hereby released to the
general public under the following terms:
```

```
Redistribution and use in source and binary forms, with or without
modification, are permitted.

There's ABSOLUTELY NO WARRANTY, express or implied.
```

1.2.21 Perforce Jam License (21)

```
This file is part of jam.
License is hereby granted to use this software and distribute it
freely, as long as this copyright notice is retained and modifications
are clearly marked.
ALL WARRANTIES ARE HEREBY DISCLAIMED
```

1.2.22 Permission Notice(CrystalClear Software, Inc.) (22)

```
Permission to use, copy, modify, distribute and sell this software
and its documentation for any purpose is hereby granted without fee,
provided that the above copyright notice appear in all copies and
that both that copyright notice and this permission notice appear
in supporting documentation.  CrystalClear Software makes no
representations about the suitability of this software for any
purpose.  It is provided "as is" without express or implied warranty.
```

1.2.23 Permission Notice(Silicon Graphics Computer Systems, Inc.) (23)

```
Permission to use, copy, modify, distribute and sell this software
and its documentation for any purpose is hereby granted without fee,
provided that the above copyright notice appear in all copies and
that both that copyright notice and this permission notice appear
in supporting documentation.  Silicon Graphics makes no
representations about the suitability of this software for any
purpose.  It is provided "as is" without express or implied warranty.
```

1.2.24 Permission Notice (Douglas Gregor) (24)

```
Permission to copy, use, sell and distribute this software is granted
provided this copyright notice appears in all copies.
Permission to modify the code and to distribute modified code is granted
provided this copyright notice appears in all copies, and a notice
that the code was modified is included with the copyright notice.

This software is provided "as is" without express or implied warranty,
and with no claim as to its suitability for any purpose.
```

1.2.25 Permission Notice (William E. Kempf) (25)

```
Permission to use, copy, modify, distribute and sell this software
and its documentation for any purpose is hereby granted without fee,
provided that the above copyright notice appear in all copies and
that both that copyright notice and this permission notice appear
in supporting documentation.  William E. Kempf makes no representations
about the suitability of this software for any purpose.
It is provided "as is" without express or implied warranty.
```

1.2.26 Permission Notice(Ralf Mattethat) (26)

```
Permission to copy, use, modify, sell and distribute this software
is granted provided this copyright notice appears in all copies.
This software is provided "as is" without express or implied
warranty, and with no claim as to its suitability for any purpose.
```

1.2.27 Permission Notice (Hewlett-Packard Company) (27)

```
Permission to use, copy, modify, distribute and sell this software
and its documentation for any purpose is hereby granted without fee,
provided that the above copyright notice appears in all copies and
that both that copyright notice and this permission notice appear
```

in supporting documentation. Hewlett-Packard Company makes no
representations about the suitability of this software for any
purpose. It is provided "as is" without express or implied warranty.

1.2.28 Unicode-ToU-with exhibit (28)

Unicode Terms of Use
For the general privacy policy governing access to this site, see the Unicode Privacy Policy. For trademark usage, see the Unicode® Consortium Name and Trademark Usage Policy.

A. Unicode Copyright.

1. Copyright © 1991-2018 Unicode, Inc. All rights reserved.

2. Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.

3. Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files solely for informational purposes in the creation of products supporting the Unicode Standard, subject to the Terms and Conditions herein.

4. Further specifications of rights and restrictions pertaining to the use of the particular set of data files known as the "Unicode Character Database" can be found in Exhibit 1.

5. Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page. The online code charts carry specific restrictions. All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

6. No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

7. Modification is not permitted with respect to this document. All copies of this document must be verbatim.

B. Restricted Rights Legend. Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

C. Warranties and Disclaimers.

1. This publication and/or website may include technical or typographical errors or other inaccuracies . Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

2. If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

3. EXCEPT AS PROVIDED IN SECTION C.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

D. Waiver of Damages. In no event shall Unicode or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

E. Trademarks & Logos.

1. The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. “The Unicode Consortium” and “Unicode, Inc.” are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.’s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names.

2. The Unicode Consortium Name and Trademark Usage Policy (“Trademark Policy”) are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

3. All third party trademarks referenced herein are the property of their respective owners.

F. Miscellaneous.

1. Jurisdiction and Venue. This server is operated from a location in the State of California, United States of America. Unicode makes no representation that the materials are appropriate for use in other locations. If you access this server from other locations, you are responsible for compliance with local laws. This Agreement, all use of this site and any claims and damages resulting from use of this site are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this site shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum.

2. Modification by Unicode Unicode shall have the right to modify this Agreement at any time by posting it to this site. The user may not assign any part of this Agreement without Unicode’s prior written consent.

3. Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode’s net income.

4. Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.

5. Entire Agreement. This Agreement constitutes the entire agreement between the parties.

EXHIBIT 1
UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE
Unicode Data Files include all data files under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, http://www.unicode.org/cldr/data/, http://source.icu-project.org/repos/icu/, and http://www.unicode.org/utility/trac/browser/.

Unicode Data Files do not include PDF online code charts under the

directory http://www.unicode.org/Public/.

Software includes any source code published in the Unicode Standard
or under the directories
http://www.unicode.org/Public/, http://www.unicode.org/reports/,
http://www.unicode.org/cldr/data/, http://source.icu-project.org/repos/icu/, and
http://www.unicode.org/utility/trac/browser/.

NOTICE TO USER: Carefully read the following legal agreement.
BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S
DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),
YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE
TERMS AND CONDITIONS OF THIS AGREEMENT.
IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE
THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2017 Unicode, Inc. All rights reserved.
Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining
a copy of the Unicode data files and any associated documentation
(the "Data Files") or Unicode software and any associated documentation
(the "Software") to deal in the Data Files or Software
without restriction, including without limitation the rights to use,
copy, modify, merge, publish, distribute, and/or sell copies of
the Data Files or Software, and to permit persons to whom the Data Files
or Software are furnished to do so, provided that either
(a) this copyright and permission notice appear with all copies
of the Data Files or Software, or
(b) this copyright and permission notice appear in associated
Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF
ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT OF THIRD PARTY RIGHTS.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS
NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL
DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,
DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER
TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder
shall not be used in advertising or otherwise to promote the sale,
use or other dealings in these Data Files or Software without prior
written authorization of the copyright holder.

1.2.29 Software License, Version 1.0 (29)

Software License, Version 1.0

Copyright 2002-2003, Trustees of Indiana University.
Copyright 2000-2001, University of Notre Dame.
All rights reserved.

Indiana University has the exclusive rights to license this product under the
following license.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* All redistributions of source code must retain the above copyright notice,

the list of authors in the original source code, this list of conditions
and the disclaimer listed in this license;

* All redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the disclaimer listed in this license
in the documentation and/or other materials provided with the distribution;

* Any documentation included with all redistributions must include the
following acknowledgement:

"This product includes software developed at the University of Notre Dame
and the Pervasive Technology Labs at Indiana University. For technical
information contact Andrew Lumsdaine at the Pervasive Technology Labs at
Indiana University. For administrative and license questions contact the
Advanced Research and Technology Institute at 351 West 10th Street.
Indianapolis, Indiana 46202, phone 317-278-4100, fax 317-274-5902."

Alternatively, this acknowledgement may appear in the software itself, and
wherever such third-party acknowledgments normally appear.

* The name Indiana University, the University of Notre Dame or "Caramel"
shall not be used to endorse or promote products derived from this software
without prior written permission from Indiana University. For written
permission, please contact Indiana University Advanced Research &
Technology Institute.

* Products derived from this software may not be called "Caramel", nor may
Indiana University, the University of Notre Dame or "Caramel" appear in
their name, without prior written permission of Indiana University Advanced
Research & Technology Institute.

Indiana University provides no reassurances that the source code provided does
not infringe the patent or any other intellectual property rights of any other
entity. Indiana University disclaims any liability to any recipient for claims
brought by any other entity based on infringement of intellectual property
rights or otherwise.

LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES
AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES
AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD
PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES
NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES",
"TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK
AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE
PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE.

1.2.30 Permission Notice: (30)

Permission to copy, use, modify, sell and distribute this document is granted
provided this copyright notice appears in all copies. This document is provided
"as is" without express or implied warranty, and with no claim as to
its suitability for any purpose.

1.2.31 SOFTWARE FREEDOM CONSERVANCY FISCAL SPONSORSHIP AGREEMENT (31)

SOFTWARE FREEDOM CONSERVANCY
FISCAL SPONSORSHIP AGREEMENT
This Agreement is made by and between The Software Freedom Conservancy
(“Conservancy”) and Beman G. Dawes (the “Representative”) on behalf of the project
known as Boost (the “Project”). The Conservancy is a New York nonprofit public benefit
corporation located in New York, New York, which has received recognitio
n of
exemption from federal income tax under Section 501(c)(3) of the Internal Revenue Code

(IRC) and classification as a public charity under IRC Sections 509(a)(1) and
170(b)(1)(A)(vi).
WHEREAS:
A. The purpose of the Project is to produce and distribute software that can be freely copied, modified and redistributed by the general public ("Free Software").
B. The Conservancy desires to act as the fiscal sponsor of the Project beginning on the Effective Date (as defined below) to assist the Project in accomplishing its purpose, which the Conservancy has determined will further the Conservancy's charitable goals. The Project desires to manage itself under the sponsorship of the Conservancy.
C. The Conservancy's Board of Directors has approved the establishment of a fund to receive donations of cash and other property earmarked for support of the Project and to make disbursements in furtherance of the Project's mission (the "Project Fund").
Currently, the principal office of the Project is located at:
Beman G Dawes
PO Box 400
Onancock, VA 23417.
NOW, THEREFORE, THE PARTIES HEREBY AGREE AS FOLLOWS:
1. Term of Agreement. As of the Effective Date, the Project joins the Conservancy, which relationship will continue unless and until terminated as set forth below.
2. Project Management and Activities.
a. The Project Will Be Free Software. The Conservancy and the Project agree that any software distributed by the Project will be distributed solely as Free Software.
b. The Committee Will Manage the Project. Authority to manage the technical and 1artistic direction of the Project and the program activities of the Project is delegated to the Committee (as defined in Paragraph 4 herein), subject at all times to the direction and control of the Conservancy's Board of Directors. The Conservancy will only intervene in the program activities to the extent the Project is not in compliance with Paragraph 2(a) or Paragraph 5 of this Agreement.
c. Ultimate Responsibility of Project. Subject to Section 2(b) of this Agreement, all community programs, public information work, fundraising events, processing and acknowledgment of cash and non-cash revenue items, accounts payable and receivable, negotiation of leases and contracts, disbursement of Project funds
(including grants), and other activities planned by the Project shall be the ultimate responsibility of the Conservancy and shall be conducted in the name of the Conservancy, beginning on the Effective Date.
d. Project Not An Agent Of Conservancy. The Project does not and shall not act as an agent for the Conservancy unless specifically authorized in writing by the Conservancy to do so or as otherwise as specified in this agreement.
3. No Fees. The Conservancy will collect no fees from the Project.
4. Project Fund/Variance Power. Beginning on the Effective Date, the Conservancy shall place all gifts, grants, contributions and other revenues received by the
Conservancy and identified with the Project into a Project Fund to be used for the sole benefit of the Project's mission as that mission may be defined by the Committee from time to time with the approval of the Conservancy. The Conservancy retains the unilateral right to spend such funds so as to accomplish the purposes of the Project as nearly as possible within the Conservancy's sole judgment, subject to any donor-imposed restrictions, as to purpose, on the charitable use of such assets. The
Conservancy expects to make such expenditures at the direction of the Project in the ordinary course of the Project's operations. The parties agree that all money, and the fair market value of all property, deposited in the Project Fund be reported as the income of the Conservancy, for both tax purposes and for purposes of the
Conservancy's financial statements. It is the intent of the parties that this Agreement be interpreted to provide the Conservancy with variance powers necessary to enable the Conservancy to treat the Project Fund as the Conservancy's asset in accordance with Financial Accounting Statement No. 136 issued by the Financial Accounting Standards Board, while this Agreement is in effect.

5. Project Fund Management / Performance of Charitable Purposes. All of the assets received by the Conservancy under the terms of this Agreement shall be devoted to the purposes of the Project, within the tax-exempt purposes of the Conservancy.
2The Project agrees not to use its funds or operate in any way which would jeopardize the tax-exempt status of the Conservancy. No item of revenue shall be earmarked for use in any attempt to influence legislation within the meaning of IRC Section
501(c)(3) and no agreement, oral or written, to that effect shall be made between the Conservancy and any revenue source. The Conservancy shall not use any portion of the assets to participate or intervene in any political campaign on be half or in
opposition to any candidate for public office, to induce or encourage violations of law or public policy, to cause any private inurement or improper private benefit to occur, nor to take any other action inconsistent with IRC Section 501(c)(3).
6. Representation of the Project in the Conservancy. The Project will be managed by a Committee of moderators (the "Committee"), The Committee will elect a single individual to communicate with the Conservancy (the "Representative") and shall notify the Conservancy promptly following the election of a new Representative. The Representative will have the authority to instruct the Conservancy on the Project's behalf on all matters.
7. Termination. The Committee or the Conservancy may terminate this Agreement at any time subject to the following understandings:
a. Notice and Successor Search. Either the Conservancy or the Committee may terminate this Agreement on 60 days' written notice to the other party, so long as a Successor can be found that meets the following requirements:
i. the Successor is another nonprofit corporation which is tax-exempt under IRC Section 501(c)(3),
ii. the Successor is not classified as a private foundation under Section 509(a),
iii.the Successor is willing and able to sponsor the Project, and
iv. the Successor is approved in writing by both parties by the end of the 60-day period, such approval not to be unreasonably withheld.
b. Additional Search Periods. If the parties cannot agree on a Successor to sponsor the Project, the Committee shall have an additional 60 days to find a Successor willing and able to sponsor the Project. Upon written agreement of the parties, the Committee shall have further additional periods in which to find a Successor. Such periods will be of a duration agreed to by the parties.
c. Transfer to a Successor. If a Successor is found, the balance of assets in the Project Fund, together with any other assets held or liabilities incurred by the Conservancy in connection with the Project, shall be transferred to the Successor by the end of the notice period or any extension thereof, subject to the approval of any third parties that may be required. If the Project has formed a new organization
3qualified as a Successor as set forth in this Section, such organization shall be eligible to receive all such assets and liabilities so long as such organization has received a determination letter from the Internal Revenue Service, indicating that such qualifications have been met, no later than the end of the notice period or any extension thereof.
d. Termination Without a Successor. If no Successor is found, the Conservancy may dispose of the Project assets and liabilities in any manner consistent with applicable tax and charitable trust laws.
8. Miscellaneous. Each provision of this Agreement shall be separately enforceable, and the invalidity of one provision shall not affect the validity or enforceability of any other provision. This Agreement shall be interpreted and construed in accordance with the laws of the State of New York. This Agreement constitutes the only agreement, and supersedes all prior agreements and understandings, both written and oral, among the parties with respect to the subject matter hereof. This Agreement may not be amended or modified, except in writing and signed by all parties to this Agreement.
9.
Counterparts / Facsimile. This Agreement may be executed in two or mor e
counterparts, each of which shall constitute an original, but all of wh ich, when
together, shall constitute but one and the same instrument, and shall become effective

when one or more counterparts have been signed by each party hereto and delivered to
the other party. In lieu of the original, a facsimile transmission or copy of the original
shall be as effective and enforceable as the original.
IN WITNESS WHEREOF, the parties have executed this Fiscal Sponsorship Agreement
effective on the ___ day of _____, ____ (the “Effective Date”).
By: _____ Dated: _____
Beman G. Dawes
By: _____ Dated: _____
Software Freedom Conservancy

1.2.32 Henry Spencer notice (32)

```
University of Toronto.
Written by Henry Spencer.  Not derived from licensed software.

Permission is granted to anyone to use this software for any
purpose on any computer system, and to redistribute it freely,
subject to the following restrictions:

1. The author is not responsible for the consequences of use of
this software, no matter how awful, even if they arise
from defects in it.

2. The origin of this software must not be misrepresented, either
by explicit claim or by omission.

3. Altered versions must be plainly marked as such, and must not
be misrepresented as being the original software.
```

1.2.33 Public Domain Notice: (33)

```
This code was entirely written by Nathan Wagner and is in the public domain.
```

1.2.34 Public Domain Notice: (34)

```
This code is in the public domain. Anyone may use it or change it in any way that
they see fit. The author assumes no responsibility for damages incurred through
use of the original code or any variations thereof.

It is requested, but not required, that due credit is given to the original author
and anyone who has modified the code through a header comment, such as this one.
```

1.2.35 Public Domain Notice: (35)

```
This code is considered to be in the public domain
```

1.2.36 Public Domain Notice: (36)

```
MurmurHash3 was written by Austin Appleby, and is placed in the public
domain. The author hereby disclaims copyright to this source code.
```

1.2.37 Hewlett-Packard Notice (37)

```
Hewlett-Packard Company

Permission to use, copy, modify, distribute and sell this software
and its documentation for any purpose is hereby granted without fee,
provided that the above copyright notice appear in all copies and
that both that copyright notice and this permission notice appear
in supporting documentation.  Hewlett-Packard Company makes no
representations about the suitability of this software for any
purpose.  It is provided "as is" without express or implied warranty.
```

1.2.38 Permission Notice (Ronald Garcia and Andrew Lumsdaine) (38)

```
Copyright (c) 2001 Ronald Garcia, Indiana University (garcia@osl.iu.edu)
Andrew Lumsdaine, Indiana University (lums@osl.iu.edu).
Permission to copy, use, modify, sell and distribute this software is granted provided
this
copyright notice appears in all copies. This software is provided "as is"
without express or implied warranty, and with no claim as to its suitability
for any purpose.
```

1.2.39 Dual License - MIT or BSL-1.0 (39)

```
Copyright (c) 2006, Stephan Diederich

This code may be used under either of the following two licences:

Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including without limitation the rights to use,
copy, modify, merge, publish, distribute, sublicense, and/or
sell copies of the Software, and to permit persons to whom the
Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice shall be
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES
OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,
WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE. OF SUCH DAMAGE.

Or:

Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
```

1.2.40 Dual License - MIT and NCSA (40)

```
This file is dual licensed under the MIT and the University of Illinois Open
Source Licenses. See LICENSE.TXT for details.
```

1.2.41 Public Domain Notice (41)

```
The code has no license terms, it has been explicity placed in the public domain by
it's author
```

1.2.42 Permission Notice (42)

```
Permission to modify the code and to distribute modified code is
granted provided the text of this NOTICE is retained, a notice that
the code was modified is included with the above COPYRIGHT NOTICE and
with the COPYRIGHT NOTICE in the LICENSE file and that the LICENSE
file is distributed with the modified code
LICENSOR MAKES NO REPRESENTATIONS OR WARRANTIES EXPRESS OR IMPLIED
By way of example but not limitation Licensor MAKES NO
REPRESENTATIONS OR WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY
PARTICULAR PURPOSE OR THAT THE USE OF THE LICENSED SOFTWARE COMPONENTS
OR DOCUMENTATION WILL NOT INFRINGE ANY PATENTS COPYRIGHTS TRADEMARKS
OR OTHER RIGHTS.
```

1.2.43 GPL-2.0+-with-bison-exceptions (43)

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial

distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who

places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts
in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

As a special exception, when this file is copied by Bison into a
Bison output file, you may use that output file without restriction.
This special exception was added by the Free Software Foundation
in version 1.24 of Bison.

1.2.44 CC0-1.0 (44)

Creative Commons CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE
LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN
ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION
ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE
USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND
DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT
OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer
exclusive Copyright and Related Rights (defined below) upon the creator
and subsequent owner(s) (each and all, an "owner") of an original work
of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for
the purpose of contributing to a commons of creative, cultural and
scientific works ("Commons") that the public can reliably and without

fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;

ii. moral rights retained by the original author(s) and/or performer(s);

iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the

Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.2.45 BSD-3-Clause (45)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

1.2.46 BSD-3-Clause (46)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
notice, this list of conditions, and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions, and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of D. E. Shaw Research nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

1.2.47 MIT (47)

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

1.2.48 Zlib (48)

zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.2, October 3rd, 2004

Copyright (C) 1995-2004 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it

freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not
claim that you wrote the original software. If you use this software
in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly jloup@gzip.org
Mark Adler madler@alumni.caltech.edu

1.2.49 Apache-2.0 (49)

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution
as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner
that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that
control, are controlled by, or are under common control with that entity. For the
purposes of this definition, "control" means (i) the power, direct or indirect, to
cause the direction or management of such entity, whether by contract or otherwise, or
(ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii)
beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions
granted by this License.

"Source" form shall mean the preferred form for making modifications, including but
not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or
translation of a Source form, including but not limited to compiled object code,
generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made
available under the License, as indicated by a copyright notice that is included in or
attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is
based on (or derived from) the Work and for which the editorial revisions,
annotations, elaborations, or other modifications represent, as a whole, an original
work of authorship. For the purposes of this License, Derivative Works shall not
include works that remain separable from, or merely link (or bind by name) to the
interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of
the Work and any modifications or additions to that Work or Derivative Works thereof,
that is intentionally submitted to Licensor for inclusion in the Work by the copyright
owner or by an individual or Legal Entity authorized to submit on behalf of the
copyright owner. For the purposes of this definition, "submitted" means any form of
electronic, verbal, or written communication sent to the Licensor or its
representatives, including but not limited to communication on electronic mailing
lists, source code control systems, and issue tracking systems that are managed by, or

on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.
You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.2.50 GPL-2.0+ (50)

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is

normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts
in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.2.51 GPL-2.0 (51)

lzop and the LZO library are free software; you can redistribute them
and/or modify them under the terms of the GNU General Public License as
published by the Free Software Foundation; either version 2 of
the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; see the file COPYING.
If not, write to the Free Software Foundation, Inc.,
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

1.2.52 GPL-2.0 (52)

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

1.2.53 GPL-2.0 (53)

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim

or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be

distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License

```
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA  02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts
in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'.  This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.
```

1.2.54 GPL-2.0 (54)

```
* Licensed under GPLv2 or later, see file LICENSE in this source tree.
```

1.2.55 ISC-style (55)

```
* Permission to use, copy, modify, and distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
* ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
* WHATSOEVER RESULTING FROM LOSS OF MIND, USE, DATA OR PROFITS, WHETHER
* IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING
* OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

1.2.56 bzip2 (56)

```
This program, "bzip2", the associated library "libbzip2", and all
documentation, are copyright (C) 1996-2006 Julian R Seward.  All
rights reserved.
```

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. The origin of this software must not be misrepresented; you must
not claim that you wrote the original software.  If you use this
software in a product, an acknowledgment in the product
documentation would be appreciated but is not required.

3. Altered source versions must be plainly marked as such, and must
not be misrepresented as being the original software.

4. The name of the author may not be used to endorse or promote
products derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.57 GPL-2.0+-with-bison-exception (57)

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2, or (at your option)
any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place - Suite 330,
Boston, MA 02111-1307, USA.  */

/* As a special exception, when this file is copied by Bison into a
Bison output file, you may use that output file without restriction.
This special exception was added by the Free Software Foundation
in version 1.24 of Bison.  */
```

1.2.58 Beerware (58)

```
*    "THE BEER-WARE LICENSE" (Revision 42):
*     <phk@login.dknet.dk> wrote this file.  As long as you retain this notice you
*     can do whatever you want with this stuff. If we meet some day, and you think
*     this stuff is worth it, you can buy me a beer in return.   Poul-Henning Kamp
```

1.2.59 Beerware (59)

```
"THE BEER-WARE LICENSE" (Revision 42):
```

<phk@login.dknet.dk> wrote this file. As long as you retain this notice you can do whatever you want with this stuff. If we meet some day, and you think this stuff is worth it, you can buy me a beer in return.   Poul-Henning Kamp

1.2.60 RSA-Security (60)

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

1.2.61 RSA-Security (61)

```
* License to copy and use this software is granted provided that it
* is identified as the "RSA Data Security, Inc. MD5 Message-Digest
* Algorithm" in all material mentioning or referencing this software
* or this function.
*
* License is also granted to make and use derivative works provided
* that such works are identified as "derived from the RSA Data
* Security, Inc. MD5 Message-Digest Algorithm" in all material
* mentioning or referencing the derived work.
*
* RSA Data Security, Inc. makes no representations concerning either
* the merchantability of this software or the suitability of this
* software for any particular purpose. It is provided "as is"
* without express or implied warranty of any kind.
*
```

1.2.62 Public-domain (62)

Public domain software is software that is not copyrighted. If the source code is in the public domain, that is a special case of noncopylefted free software, which means that some copies or modified versions may not be free at all.

In some cases, an executable program can be in the public domain but the source code is not available. This is not free software, because free software requires accessibility of source code. Meanwhile, most free software is not in the public domain; it is copyrighted, and the copyright holders have legally given permission for everyone to use it in freedom, using a free software license.

Sometimes people use the term “public domain” in a loose fashion to mean “free” or “available gratis.” However, “public domain” is a legal term and means, precisely, “not copyrighted”. For clarity, we recommend using “public domain” for that meaning only, and using other terms to convey the other meanings.

Under the Berne Convention, which most countries have signed, anything written down is automatically copyrighted. This includes programs. Therefore, if you want a program you have written to be in the public domain, you must take some legal steps to disclaim the copyright on it; otherwise, the program is copyrighted.

1.2.63 Public-domain (63)

```
/* This AES implementation is derived from tiny-AES128-C code,
* which was put by its author into public domain:
*
* tiny-AES128-C/unlicense.txt, Dec 8, 2014
* """
* This is free and unencumbered software released into the public domain.
*
* Anyone is free to copy, modify, publish, use, compile, sell, or
* distribute this software, either in source code form or as a compiled
* binary, for any purpose, commercial or non-commercial, and by any
* means.
*
* In jurisdictions that recognize copyright laws, the author or authors
* of this software dedicate any and all copyright interest in the
* software to the public domain. We make this dedication for the benefit
* of the public at large and to the detriment of our heirs and
* successors. We intend this dedication to be an overt act of
* relinquishment in perpetuity of all present and future rights to this
* software under copyright law.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
* IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR
* OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,
* ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
* OTHER DEALINGS IN THE SOFTWARE.
```

1.2.64 Public-domain (64)

```
* gzip (GNU zip) -- compress files with zip algorithm and 'compress' interface
* Copyright (C) 1992-1993 Jean-loup Gailly
* The unzip code was written and put in the public domain by Mark Adler.
* Portions of the lzw code are derived from the public domain 'compress'
* written by Spencer Thomas, Joe Orost, James Woods, Jim McKie, Steve Davies,
* Ken Turkowski, Dave Mack and Peter Jannesen.
```

1.2.65 Public-domain (65)

```
* The unzip code was written and put in the public domain by Mark Adler.
* Portions of the lzw code are derived from the public domain 'compress'
* written by Spencer Thomas, Joe Orost, James Woods, Jim McKie, Steve Davies,
* Ken Turkowski, Dave Mack and Peter Jannesen.
```

1.2.66 MIT-style (66)

```
According to MIT license, add some modifications
```

1.2.67 MIT-style (67)

```
* Permission to use, copy, modify, and/or distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
* ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
* ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
* OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

1.2.68 MIT-style (68)

```
* Permission to use, copy, modify, and distribute this software and
```

```
* its documentation for any purpose with or without fee is hereby
* granted, provided that the above copyright notice appears in all
* copies and that both the copyright notice and this permission
* notice appear in supporting documentation, and that the name
* University of Delaware not be used in advertising or publicity
* pertaining to distribution of the software without specific,
* written prior permission. The University of Delaware makes no
* representations about the suitability this software for any
* purpose. It is provided "as is" without express or implied warranty.
```

1.2.69 MIT-style (69)

```
* Netcat is entirely my own creation, although plenty of other code was used as
* examples. It is freely given away to the Internet community in the hope that
* it will be useful, with no restrictions except giving credit where it is due.
* No GPLs, Berkeley copyrights or any of that nonsense. The author assumes NO
* responsibility for how anyone uses it. If netcat makes you rich somehow and
* you're feeling generous, mail me a check. If you are affiliated in any way
* with Microsoft Network, get a life. Always ski in control. Comments,
* questions, and patches to # hobbit@avian.org.
* ...
* Netcat and the associated package is a product of Avian Research, and is freely
* available in full source form with no restrictions save an obligation to give
* credit where due.
```

1.2.70 MIT-style (70)

```
* Permission is granted to use, distribute, or modify this source,
* provided that this copyright notice remains intact.
```

1.2.71 MIT-style (71)

```
* Anyone is free to copy, modify, publish, use, compile, sell, or
* distribute this software, either in source code form or as a compiled
* binary, for any purpose, commercial or non-commercial, and by any
* means.
```

1.2.72 BSD-style (72)

```
According to BSD license, add some modifications
```

1.2.73 BSD-4-Clause-UC (73)

```
BSD-4-Clause (University of California-Specific)

Copyright [various years] The Regents of the University of California. All rights
reserved.

Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list
of conditions and the following disclaimer in the documentation and/or other materials
provided with the distribution.

3. All advertising materials mentioning features or use of this software must display
the following acknowledgement: This product includes software developed by the
University of California, Berkeley and its contributors.

4. Neither the name of the University nor the names of its contributors may be used to
endorse or promote products derived from this software without specific prior written
permission.
```

```
THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL
THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.74 BSD-4-Clause (74)

```
Copyright (c) {{year}}, {{copyright holder}}
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
This product includes software developed by {{the organization}}.
4. Neither the name of {{the organization nor the
names of its contributors}} may be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY {{COPYRIGHT HOLDER}} ''AS IS'' AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL {{COPYRIGHT HOLDER}} BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.75 BSD-4-Clause (75)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
*
* 3. BSD Advertising Clause omitted per the July 22, 1999 licensing change
*    ftp://ftp.cs.berkeley.edu/pub/4bsd/README.Impt.License.Change
*
* 4. Neither the name of the University nor the names of its contributors
*    may be used to endorse or promote products derived from this software
*    without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ''AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED.  IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
```

```
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
```

1.2.76 BSD-3-Clause (76)

```
Copyright (c) {{YEAR}}, {{OWNER}}
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of
conditions and the following disclaimer in the documentation and/or other materials
provided with the distribution.

Neither the name of {{the ORGANIZATION nor the names of its contributors}} may be used
to endorse or promote products derived from this software without specific prior
written permission.

THIS SOFTWARE IS PROVIDED BY {{THE COPYRIGHT HOLDERS AND CONTRIBUTORS}} "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN
NO EVENT SHALL {{THE COPYRIGHT HOLDER OR CONTRIBUTORS}} BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
OF SUCH DAMAGE.
```

1.2.77 BSD-3-Clause (77)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
*
* 3. <BSD Advertising Clause omitted per the July 22, 1999 licensing change
* ftp://ftp.cs.berkeley.edu/pub/4bsd/README.Impt.License.Change>
*
* 4. Neither the name of the University nor the names of its contributors
* may be used to endorse or promote products derived from this software
* without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ''AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
```

1.2.78 BSD-3-Clause (78)

```
* Copyright (c) 1986-2003 may safely be consumed by a BSD or GPL license.
```

1.2.79 LGPL-2.1 (79)

```
GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor
of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public Licenses are intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users.

This license, the Lesser General Public License, applies to some specially designated
software packages--typically libraries--of the Free Software Foundation and other
authors who decide to use it. You can use it too, but we suggest you first think
carefully about whether this license or the ordinary General Public License is the
better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our
General Public Licenses are designed to make sure that you have the freedom to
distribute copies of free software (and charge for this service if you wish); that you
receive source code or can get it if you want it; that you can change the software and
use pieces of it in new free programs; and that you are informed that you can do these
things.

To protect your rights, we need to make restrictions that forbid distributors to deny
you these rights or to ask you to surrender these rights. These restrictions translate
to certain responsibilities for you if you distribute copies of the library or if you
modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you
must give the recipients all the rights that we gave you. You must make sure that
they, too, receive or can get the source code. If you link other code with the
library, you must provide complete object files to the recipients, so that they can
relink them with the library after making changes to the library and recompiling it.
And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2)
we offer you this license, which gives you legal permission to copy, distribute and/or
modify the library.

To protect each distributor, we want to make it very clear that there is no warranty
for the free library. Also, if the library is modified by someone else and passed on,
the recipients should know that what they have is not the original version, so that
the original author's reputation will not be affected by problems that might be
introduced by others.

Finally, software patents pose a constant threat to the existence of any free program.
We wish to make sure that a company cannot effectively restrict the users of a free
program by obtaining a restrictive license from a patent holder. Therefore, we insist
```

that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules

it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than

version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as

object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE

RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library 'Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.2.80 LGPL-2.1 (80)

```
* This library is free software; you can redistribute it and/or
* modify it under the terms of the GNU Lesser General Public
* License as published by the Free Software Foundation; either
* version 2.1 of the License, or (at your option) any later version.
*
* This library is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
* Lesser General Public License for more details.
```

```
*
* You should have received a copy of the GNU Lesser General Public
* License along with this library; if not, write to the Free Software
* Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
```

1.2.81 Artistic-1.0 (81)

```
# This program is free software; you can redistribute it and/or modify it
# under the same terms as Perl itself.
```

1.2.82 BZIP License (BSD 4) (82)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. The origin of this software must not be misrepresented; you must
not claim that you wrote the original software.  If you use this
software in a product, an acknowledgment in the product
documentation would be appreciated but is not required.
3. Altered source versions must be plainly marked as such, and must
not be misrepresented as being the original software.
4. The name of the author may not be used to endorse or promote
products derived from this software without specific prior written
permission.
THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.83 GPL V2 with special exception font program (83)

```
Copyright (URW)++,Copyright 1999 by (URW)++ Design & Development
% (URW)++,Copyright 1999 by (URW)++ Design & Development
% See the file COPYING (GNU General Public License) for license conditions.
% As a special exception, permission is granted to include this font
% program in a Postscript or PDF file that consists of a document that
% contains text to be displayed or printed using this font, regardless
% of the conditions or license applying to the document itself.



GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA  02111-1307  USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it.  By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users.  This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
```

using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate

copyright notice and disclaimer of warranty; keep intact all the
notices that refer to this License and to the absence of any warranty;
and give any other recipients of the Program a copy of this License
along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion
of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any
part thereof, to be licensed as a whole at no charge to all third
parties under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
notice that there is no warranty (or else, saying that you provide
a warranty) and that users may redistribute the program under
these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections
1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your
cost of physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium

customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer
to distribute corresponding source code. (This alternative is
allowed only for noncommercial distribution and only if you
received the program in object code or executable form with such
an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source
code means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to
control compilation and installation of the executable. However, as a
special exception, the source code distributed need not include
anything that is normally distributed (in either source or binary
form) with the major components (compiler, kernel, and so on) of the
operating system on which the executable runs, unless that component
itself accompanies the executable.

If distribution of executable or object code is made by offering
access to copy from a designated place, then offering equivalent
access to copy the source code from the same place counts as
distribution of the source code, even though third parties are not
compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt
otherwise to copy, modify, sublicense or distribute the Program is
void, and will automatically terminate your rights under this License.
However, parties who have received copies, or rights, from you under
this License will not have their licenses terminated so long as such
parties remain in full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties to
this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Program at all. For example, if a patent
license would not permit royalty-free redistribution of the Program by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other

circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License

1.2.84 SIL Open Font License V 1.1 (84)

```
This Font Software is licensed under the SIL Open Font License, Version 1.1.
% This license is in the accompanying file OFL.txt, and is also
% available with a FAQ at: http://scripts.sil.org/OFL.

Version 1.1 - 26 February 2007
PREAMBLE
The goals of the Open Font License (OFL) are to stimulate worldwide development of
collaborative font projects, to support the font creation efforts of academic and
linguistic communities, and to provide a free and open framework in which fonts may be
shared and improved in partnership with others.
The OFL allows the licensed fonts to be used, studied, modified and redistributed
freely as long as they are not sold by themselves. The fonts, including any derivative
works, can be bundled, embedded,  redistributed and/or sold with any software provided
that any reserved names are not used by derivative works. The fonts and derivatives,
however, cannot be released under any other type of license. The requirement for fonts
to remain under this license does not apply to any document created using the fonts or
their derivatives.
DEFINITIONS
"Font Software" refers to the set of files released by the Copyright Holder(s) under
this license and clearly marked as such. This may include source files, build scripts
and documentation. "Reserved Font Name" refers to any names specified as such after
the copyright statement(s).
"Original Version" refers to the collection of Font Software components as distributed
by the Copyright Holder(s).
"Modified Version" refers to any derivative made by adding to, deleting, or
substituting   in part or in whole   any of the components of the Original Version, by
changing formats or by porting the Font Software to a new environment.
"Author" refers to any designer, engineer, programmer, technical writer or other
person who contributed to the Font Software.
PERMISSION & CONDITIONS
Permission is hereby granted, free of charge, to any person obtaining a copy of the
Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell
modified and unmodified copies of the Font Software, subject to the following
conditions:
1) Neither the Font Software nor any of its individual components,
in Original or Modified Versions, may be sold by itself.
2) Original or Modified Versions of the Font Software may be bundled,
redistributed and/or sold with any software, provided that each copy
contains the above copyright notice and this license. These can be
included either as stand-alone text files, human-readable headers or
in the appropriate machine-readable metadata fields within text or
binary files as long as those fields can be easily viewed by the user.
3) No Modified Version of the Font Software may use the Reserved Font
Name(s) unless explicit written permission is granted by the corresponding
Copyright Holder. This restriction only applies to the primary font name as
presented to the users.
4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font
Software shall not be used to promote, endorse or advertise any
Modified Version, except to acknowledge the contribution(s) of the
Copyright Holder(s) and the Author(s) or with their explicit written
permission.
5) The Font Software, modified or unmodified, in part or in whole,
must be distributed entirely under this license, and must not be
distributed under any other license. The requirement for fonts to
remain under this license does not apply to any document created
using the Font Software.
TERMINATION
This license becomes null and void if any of the above conditions are not met.
DISCLAIMER
THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER
RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR
OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR
CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
```

FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

1.2.85 BSD old (85)

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
THE POSSIBILITY OF SUCH DAMAGE.

1.2.86 MPL-2.0 (86)

Mozilla Public License Version 2.0

1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such

Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants
Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date
The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope
The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses
No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use
This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions
Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form
All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form
If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work
You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices
You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms
You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation
If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such

description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty
Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability
Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

8. Litigation
Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous
This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation

which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions
Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions
You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions
If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses
If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

1.2.87 BSD-3-Clause (87)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:
Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following disclaimer
in the documentation and/or other materials provided with the
distribution.
Neither the name of Google Inc. nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

```
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.88 BSD Notice (88)

```
License: BSD
Vendor: Google Inc. and others
Packager: Google Inc. and others <google-ctemplate@googlegroups.com>
```

1.2.89 Public Domain Notice (89)

```
Based on public domain MurmurHashUnaligned2, by Austin Appleby.
http://murmurhash.googlepages.com/
```

1.2.90 BSD-2-Clause (90)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.91 Public-domain (91)

```
Public domain
```

1.2.92 ISC (92)

```
Permission to use, copy, modify, and distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

1.2.93 BSD-2-Clause-NetBSD (93)

```
This code is derived from software contributed to The NetBSD Foundation
by Jason R. Thorpe, Matthias Scheler, Julio Merino and Roy Marples.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
```

notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS
BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

1.2.94 BSD-2-Clause-NetBSD (94)

This code is derived from software contributed to The NetBSD Foundation
by Christos Zoulas.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS
BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

1.2.95 BSD-2-Clause-NetBSD (95)

This code is derived from software contributed to The NetBSD Foundation
by Christos Zoulas and Joerg Sonnenberger.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS
BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

1.2.96 BSD-3-Clause (96)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.97 MIT (97)

```
Permission is hereby granted, free of charge, to any person obtaining a copy of this
software and associated documentation files (the "Software"), to deal in the Software
without restriction, including without limitation the rights to use, copy, modify,
merge, publish, distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice (including the next paragraph)
shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF
CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE
OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
```

1.2.98 WTFPL (98)

```
DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

Version 2, December 2004

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Everyone is permitted to copy and distribute verbatim or modified copies of this
license document, and changing it is allowed as long as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. You just DO WHAT THE FUCK YOU WANT TO.
```

1.2.99 Unlicense (99)

```
This is free and unencumbered software released into the public domain.
```

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this
software, either in source code form or as a compiled binary, for any purpose,
commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software
dedicate any and all copyright interest in the software to the public domain. We make
this dedication for the benefit of the public at large and to the detriment of our
heirs and

successors. We intend this dedication to be an overt act of relinquishment in
perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR
ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR
OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS IN THE SOFTWARE.

For more information, please refer to <http://unlicense.org/>

1.2.100 Triple License Notice(CC0, OpenSSL or Apache-2.0) (100)

Copyright 2012, Samuel Neves <sneves@dei.uc.pt>.
You may use this under the terms of the CC0, the OpenSSL Licence,
or the Apache Public License 2.0, at your option.
The terms of these licenses can be found at:

- CC0 1.0 Universal : http://creativecommons.org/publicdomain/zero/1.0
- OpenSSL license   : https://www.openssl.org/source/license.html
- Apache 2.0   : http://www.apache.org/licenses/LICENSE-2.0

1.2.101 Public-domain (101)

Derived from the Public Domain source code

1.2.102 OpenSSL (102)

LICENSE ISSUES
==============

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of
the OpenSSL License and the original SSLeay license apply to the toolkit.
See below for the actual license texts. Actually both licenses are BSD-style
Open Source licenses. In case of any license issues related to OpenSSL
please contact openssl-core@openssl.org.

OpenSSL License

==
Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

3. All advertising materials mentioning features or use of this
software must display the following acknowledgment:
"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit. (http://www.openssl.org/)"

4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
endorse or promote products derived from this software without
prior written permission. For written permission, please contact
openssl-core@openssl.org.

5. Products derived from this software may not be called "OpenSSL"
nor may "OpenSSL" appear in their names without prior written
permission of the OpenSSL Project.

6. Redistributions of any form whatsoever must retain the following
acknowledgment:
"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
OF THE POSSIBILITY OF SUCH DAMAGE.
==

This product includes cryptographic software written by Eric Young
(eay@cryptsoft.com). This product includes software written by Tim
Hudson (tjh@cryptsoft.com).

Original SSLeay License

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
All rights reserved.

This package is an SSL implementation written
by Eric Young (eay@cryptsoft.com).
The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as
the following conditions are aheared to. The following conditions
apply to all code found in this distribution, be it the RC4, RSA,
lhash, DES, etc., code; not just the SSL code. The SSL documentation
included with this distribution is covered by the same copyright terms
except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in
the code are not to be removed.
If this package is used in a product, Eric Young should be given attribution
as the author of the parts of the library used.
This can be in the form of a textual message at program startup or
in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without

```
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"
The word 'cryptographic' can be left out if the rouines from the library
being used are not cryptographic related :-).
4. If you include any Windows specific code (or a derivative thereof) from
the apps directory (application code) you must include an acknowledgement:
"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The licence and distribution terms for any publically available version or
derivative of this code cannot be changed.  i.e. this code cannot simply be
copied and put under another distribution licence
[including the GNU Public Licence.]
```

1.2.103 Notice (103)

```
As far as I am concerned, the code I have written for this software
can be used freely for any purpose.  Any derived versions of this
software must be clearly marked as such, and if the derived work is
incompatible with the protocol description in the RFC file, it must be
called by a name other than "ssh" or "Secure Shell".
```

1.2.104 Dual License public domain or WTFPL 2.0 (104)

```
LibTomMath is licensed under DUAL licensing terms.

Choose and use the license of your needs.

[LICENSE #1]

LibTomMath is public domain.  As should all quality software be.

Tom St Denis

[/LICENSE #1]

[LICENSE #2]

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE
Version 2, December 2004

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Everyone is permitted to copy and distribute verbatim or modified
copies of this license document, and changing it is allowed as long
```

as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. You just DO WHAT THE FUCK YOU WANT TO.

[/LICENSE #2]

1.2.105 CC0-1.0 (105)

Creative Commons Legal Code

CC0 1.0 Universal CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;

ii. moral rights retained by the original author(s) and/or performer(s);

iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases,

and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.2.106 BSD-3-Clause_Author_variant (106)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.107 BSD-3-Clause (107)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. Neither the name of the project nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE PROJECT AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE PROJECT OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.2.108 BSD-2-Clause (108)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.109 Apache-2.0 (109)

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/ TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work,

provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.2.110 Public Domain Notice: (110)

Written and placed in the public domain by Wei Dai

1.2.111 Public Domain Notice: (111)

The implementation is based on:
chacha-ref.c version 20080118
Public domain from D. J. Bernstein

1.2.112 Public Domain Notice: (112)

The implementation is based on:
Public Domain poly1305 from Andrew Moon https://github.com/floodyberry/poly1305-donna

1.2.113 Public Domain Notice: (113)

Released into the public domain by the author

1.2.114 Public Domain Notice: (114)

Khazad implementation derived from public domain source

1.2.115 Public Domain Notice: (115)

Anubis implementation derived from public domain source

1.2.116 GPL-2.0 (116)

wprintw (show_pad,"EXT2ED is hereby placed under the terms of the GNU General Public License.\n\n");

1.2.117 GPL-2.0 (117)

License: GPLv2

1.2.118 GPL-2.0 (118)

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact

all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.2.119 GPL-2.0 (119)

.\" This file may be copied under the terms of the GNU Public License.

1.2.120 GPL-2.0 (120)

* This file may be redistributed under the terms of the GNU Public
* License.

1.2.121 GPL-2.0+-with-bison-exception (121)

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and

that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.
6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted

herein. You are not responsible for enforcing compliance by third parties to this License.
7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.
If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.
Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.
NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and an idea of what it does.>
Copyright (C) <yyyy> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

Bison Exception

As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser skeleton itself, you may (at your option) remove this special exception, which will

cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of Bison.

1.2.122 MIT-style (122)

```
* Permission to use this file is granted for any purposes, as long as
* this copyright statement is kept intact and the author is not held
* liable for any damages resulting from the use of this program.
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF
* WHICH ARE HEREBY DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
* OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
* BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
* LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
* USE OF THIS SOFTWARE.
```

1.2.123 MIT-style (123)

```
* Export of this software from the United States of America may require
* a specific license from the United States Government.  It is the
* responsibility of any person or organization contemplating export to
* obtain such a license before exporting.
*
* WITHIN THAT CONSTRAINT, permission to use, copy, modify, and
* distribute this software and its documentation for any purpose and
* without fee is hereby granted, provided that the above copyright
* notice appear in all copies and that both that copyright notice and
* this permission notice appear in supporting documentation, and that
* the name of M.I.T. not be used in advertising or publicity pertaining
* to distribution of the software without specific, written prior
* permission.  Furthermore if you modify this software you must label
* your software as modified software and not distribute it in such a
* fashion that it might be confused with the original MIT software.
* M.I.T. makes no representations about the suitability of this software
* for any purpose.  It is provided "as is" without express or implied
* warranty.
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
* WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.124 BSD-3-Clause (124)

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.125 IPL-1.0 (125)

```
# This software has been released under the terms of the IBM Public
# License.  For details, see the LICENSE file in the top-level source
# directory or online at http://www.openafs.org/dl/license10.html
```

1.2.126 LGPL-2.0 (126)

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can

specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then

relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library General Public
License as published by the Free Software Foundation; either
version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Library General Public License for more details.

You should have received a copy of the GNU Library General Public
License along with this library; if not, write to the
Free Software Foundation, Inc., 51 Franklin St, Fifth Floor,
Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.2.127 LGPL-2.0 (127)

This program is free software; you can redistribute it and/or modify it
under the terms of the GNU Library General Public License as published
by the Free Software Foundation; either version 2, or (at your option)
any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Library General Public License for more details.

You should have received a copy of the GNU Library General Public
License along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301,
USA. */

1.2.128 GPL/v2/GPL v2 or later_CCT verified_MassAve (128)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

1.2.129 _GPL/V2_or_later/GPL V2 or later Reference 2_cct (129)

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License as
published by the Free Software Foundation; either version 2 of
the License, or (at your option) any later version.

1.2.130 Public Domain Notice: (130)

MurmurHash2 was written by Austin Appleby, and is placed in the public domain. The author hereby disclaims copyright to this source code.

1.2.131 LGPL-2.1+ (131)

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a

copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy,

distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.2.132 MIT (132)

MIT License Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

```
The above copyright notice and this permission notice (including the next paragraph)
shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF
CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE
OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
```

1.2.133 FastCGI License (133)

```
This FastCGI application library source and object code (the
"Software") and its documentation (the "Documentation") are
copyrighted by Open Market, Inc ("Open Market"). The following terms
apply to all files associated with the Software and Documentation
unless explicitly disclaimed in individual files.

Open Market permits you to use, copy, modify, distribute, and license
this Software and the Documentation for any purpose, provided that
existing copyright notices are retained in all copies and that this
notice is included verbatim in any distributions. No written
agreement, license, or royalty fee is required for any of the
authorized uses. Modifications to this Software and Documentation may
be copyrighted by their authors and need not follow the licensing
terms described here. If modifications to this Software and
Documentation have new licensing terms, the new terms must be clearly
indicated on the first page of each file where they apply.

OPEN MARKET MAKES NO EXPRESS OR IMPLIED WARRANTY WITH RESPECT TO THE
SOFTWARE OR THE DOCUMENTATION, INCLUDING WITHOUT LIMITATION ANY
WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN
NO EVENT SHALL OPEN MARKET BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY
DAMAGES ARISING FROM OR RELATING TO THIS SOFTWARE OR THE
DOCUMENTATION, INCLUDING, WITHOUT LIMITATION, ANY INDIRECT, SPECIAL OR
CONSEQUENTIAL DAMAGES OR SIMILAR DAMAGES, INCLUDING LOST PROFITS OR
LOST DATA, EVEN IF OPEN MARKET HAS BEEN ADVISED OF THE POSSIBILITY OF
SUCH DAMAGES. THE SOFTWARE AND DOCUMENTATION ARE PROVIDED "AS IS".
OPEN MARKET HAS NO LIABILITY IN CONTRACT, TORT, NEGLIGENCE OR
OTHERWISE ARISING OUT OF THIS SOFTWARE OR THE DOCUMENTATION.
```

1.2.134 Public domain (134)

```
# Author: Noah Friedman <friedman@prep.ai.mit.edu>
# Created: 1993-05-16
# Public domain
```

1.2.135 Permission notice with Disclaimer (135)

```
# This file is free software; the Free Software Foundation
# gives unlimited permission to copy and/or distribute it,
# with or without modifications, as long as this notice is preserved.

# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY, to the extent permitted by law; without
# even the implied warranty of MERCHANTABILITY or FITNESS FOR A
# PARTICULAR PURPOSE.
```

1.2.136 Permission notice with Disclaimer 2 (136)

```
// You are free to use this software without charge or royalty
// as long as this notice is not removed or altered, and recognition
// is given to the author(s)
//
// This code is offered as-is without any warranty either expressed or
```

```
// implied; without even the implied warranty of MERCHANTABILITY or
// FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.137 Makefile notice (137)

```
# This Makefile.in is free software; the Free Software Foundation
# gives unlimited permission to copy and/or distribute it,
# with or without modifications, as long as this notice is preserved.

# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY, to the extent permitted by law; without
# even the implied warranty of MERCHANTABILITY or FITNESS FOR A
# PARTICULAR PURPOSE.
```

1.2.138 Open Market Inc. Disclaimer (138)

```
OPEN MARKET, INC., PROVIDES THIS PUBLICATION &amp;quot;AS IS&amp;quot; WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR
FITNESS FOR A PARTICULAR
PURPOSE. In no event shall Open Market be liable for any loss of profits, loss of
business, loss of use of
data, interruption of business, or for indirect, special, incidental, or consequential
damages of any kind,
even if Open Market has been advised of the possibility of such damages arising from
any defect or error in
this publication.
```

1.2.139 Global license ref. (139)

```
See the file "LICENSE.TERMS" for information on usage and redistribution
* of this file, and for a DISCLAIMER OF ALL WARRANTIES.
```

1.2.140 BSD 3- Clause style (140)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
* derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.141 MIT License (141)

```
# Permission to use, copy, modify, distribute, and sell this software and its
# documentation for any purpose is hereby granted without fee, provided that
# the above copyright notice appear in all copies and that both that
# copyright notice and this permission notice appear in supporting
# documentation, and that the name of M.I.T. not be used in advertising or
# publicity pertaining to distribution of the software without specific,
# written prior permission. M.I.T. makes no representations about the
```

```
# suitability of this software for any purpose. It is provided "as is"
# without express or implied warranty.
```

1.2.142 GPL-2.0+ ref. with Autoconf exception (142)

```
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2, or (at your option)
# any later version.

# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU General Public License for more details.

# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA
# 02111-1307, USA.

# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
```

1.2.143 Multiple License: Configure script notice and config.status notice (143)

```
This configure script is free software; the Free Software Foundation
# gives unlimited permission to copy, distribute and modify it.
--------------------------------------------------------------------------------
This config.status script is free software; the Free Software Foundation
gives unlimited permission to copy, distribute and modify it."
```

1.2.144 Multiple License: GPL-2.0+ ref. with Autoconf exception and Warranty notice (144)

```
# This file is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330,
# Boston, MA 02111-1307, USA.

# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
--------------------------------------------------------------------------------
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE."
```

1.2.145 Multiple License: Configure script notice and GPL-2.0+ ref. with Autoconf exception and GPL-2.0+ ref. and config.status notice (145)

```
# This configure script is free software; the Free Software Foundation
# gives unlimited permission to copy, distribute and modify it.
--------------------------------------------------------------------------------
# This program is free software; you can redistribute it and/or modify
```

```
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful, but
# WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
# General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
#
# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
-------------------------------------------------------------------------------
# This file is part of GNU libtool.
#
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
-------------------------------------------------------------------------------
This config.status script is free software; the Free Software Foundation
gives unlimited permission to copy, distribute and modify it."
```

1.2.146 Multiple License: Permission notice with Disclaimer and GPL-2.0+ ref. with Autoconf exception and GPL-2.0+ ref. (146)

```
# This file is free software; the Free Software Foundation
# gives unlimited permission to copy and/or distribute it,
# with or without modifications, as long as this notice is preserved.

# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY, to the extent permitted by law; without
# even the implied warranty of MERCHANTABILITY or FITNESS FOR A
# PARTICULAR PURPOSE.
-------------------------------------------------------------------------------
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful, but
# WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
# General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
#
# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
```

```
--------------------------------------------------------------------------------
# This file is part of GNU libtool.
#
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
--------------------------------------------------------------------------------
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA  02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public License is intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users. This General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to using it. (Some
other Free Software Foundation software is covered by the GNU Lesser General Public
License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for this service if you wish), that you receive
source code or can get it if you want it, that you can change the software or use
pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you
these rights or to ask you to surrender the rights. These restrictions translate to
certain responsibilities for you if you distribute copies of the software, or if you
modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee,
you must give the recipients all the rights that you have. You must make sure that
they, too, receive or can get the source code. And you must show them these terms so
they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you
this license which gives you legal permission to copy, distribute and/or modify the
software.

Also, for each author's protection and ours, we want to make certain that everyone
understands that there is no warranty for this free software. If the software is
modified by someone else and passed on, we want its recipients to know that what they
have is not the original, so that any problems introduced by others will not reflect
on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to
avoid the danger that redistributors of a free program will individually obtain patent
```

licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
END OF TERMS AND CONDITIONS
How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

1.2.147 FTL (147)

The FreeType Project LICENSE

2006-Jan-27

Copyright 1996-2002, 2006 by
David Turner, Robert Wilhelm, and Werner Lemberg

Introduction

==========

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

o We don't promise that this software works. However, we will be interested in any kind of bug reports. (`as is' distribution)

o You can use this software for whatever you want, in parts or full form, without having to pay us. (`royalty-free' usage)

o You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. (`credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products. We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

"""
Portions of this software are copyright © <year> The FreeType
Project (www.freetype.org). All rights reserved.
"""

Please replace <year> with the value from the FreeType version you actually use.

Legal Terms
==========

0. Definitions

Throughout this license, the terms `package', `FreeType Project', and `FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the `FreeType Project', be they named as alpha, beta or final release.

`You' refers to the licensee, or person using the project, where `using' is a generic term including compiling the project's source code as well as linking it to form a `program' or `executable'. This program is referred to as `a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

2. Redistribution

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

o Redistribution of source code must retain this license file (`FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.

o Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: `FreeType Project', `FreeType Engine', `FreeType library', or `FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted

material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it. Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

4. Contacts

There are two mailing lists related to FreeType:

o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

http://www.freetype.org

--- end of FTL.TXT ---

1.2.148 GPL-2.0+-with-autoconf-exception (148)

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that

they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive

but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the

Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does. Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989 Ty Coon, President of Vice

Standard License Header
Copyright (C) yyyy name of author
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program.

Autoconf Exception

As a special exception, the Free Software Foundation gives unlimited permission to copy, distribute and modify the configure scripts that are the
output of Autoconf. You need not follow the terms of the GNU General Public License when using or distributing such scripts, even though portions
of the text of Autoconf appear in them. The GNU General Public License (GPL) does govern all other use of the material that constitutes
the Autoconf program.

Certain portions of the Autoconf source text are designed to be copied (in certain cases, depending on the input) into the output of Autoconf.
We call these the "data" portions. The rest of the Autoconf source text consists of comments plus executable code that decides which of the
data portions to output in any given case. We call these comments and executable code the "non-data" portions. Autoconf never copies any of
the non-data portions into its output.

This special exception to the GPL applies to versions of Autoconf released by the Free Software Foundation. When you make and distribute a
modified version of Autoconf, you may extent this special exception to the GPL to apply to your modified version as well, *unless* your
modified version has the potential to copy into its output some of the text that was the non-data portion of the version that you started with.
(In other words, unless your change moves or copies text from the non-data portions to the data portions.) If your modification has such
potential, you must delete any notice of this special exception to the GPL from your modified version.

1.2.149 Public-domain (149)

This software was written by Alexander Peslyak in 2001. No copyright is claimed, and the software is hereby placed in the public domain.

1.2.150 BSD-3-Clause (150)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Intel Corporation nor the names of its contributors may

be used to endorse or promote products derived from this software without
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

1.2.151 Zlib (151)

This software is provided 'as-is', without any express or implied warranty. In no
event will the authors be held liable for any damages arising from the use of this
software.

Permission is granted to anyone to use this software for any purpose, including
commercial applications, and to alter it and redistribute it freely, subject to the
following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you
wrote the original software. If you use this software in a product, an acknowledgment
in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

1.2.152 Zlib (152)

This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not
claim that you wrote the original software. If you use this software
in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly   Mark Adler
jloup@gzip.org   madler@alumni.caltech.edu

1.2.153 GPL-3.0+-with-GCC-exception-3.1 (153)

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <http://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extent this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.
"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.
The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.
No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.
You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.
You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.
A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution

medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.
You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.
A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any

third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.
"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.
All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.
You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.
You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.
Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.
A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extent the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.
If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.
Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.
The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.
THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.
IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.
If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs
If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when
it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of
the General Public License. Of course, your program's commands might be different; for
a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to
sign a "copyright disclaimer" for the program, if necessary. For more information on
this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

General information: http://www.gnu.org/licenses/gcc-exception.html

Copyright (C) 2009 Free Software Foundation, Inc. <http://fsf.org/>
Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.
This GCC Runtime Library Exception ("Exception") is an additional permission under
section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a
given file (the "Runtime Library") that bears a notice placed by the copyright holder
of the file stating that the file is governed by GPLv3 along with this Exception.

When you use GCC to compile a program, GCC may combine portions of certain GCC header
files and runtime libraries with the compiled program. The purpose of this Exception
is to allow compilation of non-GPL (including proprietary) programs to use, in this
way, the header files and runtime libraries covered by this Exception.

0. Definitions.
A file is an "Independent Module" if it either requires the Runtime Library for
execution after a Compilation Process, or makes use of an interface provided by the
Runtime Library, but is not otherwise based on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without modifications,
governed by version 3 (or a specified later version) of the GNU General Public License
(GPL) with the option of using any subsequent versions published by the FSF.

"GPL-compatible Software" is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

1. Grant of Additional Permission.
You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

2. No Weakening of GCC Copyleft.
The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

1.2.154 GCC-exception-3.1 (154)

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

Copyright (C) 2009 Free Software Foundation, Inc. <http://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This GCC Runtime Library Exception ("Exception") is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a given file (the "Runtime Library") that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without modifications, governed by version 3 (or a specified later version) of the GNU General Public License (GPL) with the option of using any subsequent versions published by the FSF.

"GPL-compatible Software" is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

1. Grant of Additional Permission.

You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

1.2.155 GPL-3.0+-with-GCC-exception-2.0 (155)

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <https://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extent this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.
"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation

includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.
The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.
A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.
All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.
You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.
No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.
When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.
You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.
You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.
You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:
a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.
A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.
You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:
a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.
A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.
"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under

those permissions, but the entire Program remains governed by this License without regard to the additional permissions.
When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.
All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.
You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).
However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.
You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.
10. Automatic Licensing of Downstream Recipients.
Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.
An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.
A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".
A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extent the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate,

modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.
If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.
13. Use with the GNU Affero General Public License.
Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.
14. Revised Versions of this License.
The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.
THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
16. Limitation of Liability.
IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS

PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
17. Interpretation of Sections 15 and 16.
If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <https://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <https://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <https://www.gnu.org/philosophy/why-not-lgpl.html>.

This file is free software; you can redistribute it and/or modify it
under the terms of the GNU General Public License as published by the
Free Software Foundation; either version 3, or (at your option) any
later version.

In addition to the permissions in the GNU General Public License, the
Free Software Foundation gives you unlimited permission to link the
compiled version of this file into combinations with other programs,
and to distribute those combinations without any restriction coming
from the use of this file. (The General Public License restrictions
do apply in other respects; for example, they cover modification of
the file, and distribution when not linked into a combine
executable.

1.2.156 FSFAP (156)

Copying and distribution of this file, with or without modification,
are permitted in any medium without royalty provided the copyright
notice and this notice are preserved.

1.2.157 Permission notice (157)

Permission is granted to do *anything* you want with this file,
commercial or otherwise, provided this message remains intact. So there!
I would appreciate receiving any updates/patches/changes that anyone
makes, and am willing to be the repository for said changes (am I
making a big mistake?).

Pat Wood
Pipeline Associates, Inc.
pipeline!phw@motown.com or
sun!pipeline!phw or
uunet!motown!pipeline!phw

1.2.158 LGPL-2.1+-with-GCC-exception (158)

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public Licenses are intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users.

This license, the Lesser General Public License, applies to some specially designated
software packages--typically libraries--of the Free Software Foundation and other
authors who decide to use it. You can use it too, but we suggest you first think
carefully about whether this license or the ordinary General Public License is the
better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our
General Public Licenses are designed to make sure that you have the freedom to
distribute copies of free software (and charge for this service if you wish); that you

receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the

freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be

optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a

derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not

specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

The GNU C Library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

In addition to the permissions in the GNU Lesser General Public
License, the Free Software Foundation gives you unlimited
permission to link the compiled version of this file into
combinations with other programs, and to distribute those
combinations without any restriction coming from the use of this
file.  (The Lesser General Public License restrictions do apply in
other respects; for example, they cover modification of the file,
and distribution when not linked into a combine executable.)

The GNU C Library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
Lesser General Public License for more details.
You should have received a copy of the GNU Lesser General Public
License along with the GNU C Library; if not, see
<http://www.gnu.org/licenses/>.
```

1.2.159 BSD-3-Clause (159)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. [rescinded 22 July 1999]
4. Neither the name of the University nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.160 Permission Notice (160)

```
Permission to use, copy, modify, sell, and distribute this software
is hereby granted without fee, provided that the above copyright
notice appears in all copies, and that both that copyright notice
and this permission notice appear in supporting documentation. None
of the above authors, nor IBM Haifa Research Laboratories, make any
representation about the suitability of this software for any
purpose. It is provided "as is" without express or implied
warranty.
```

1.2.161 Permission Notice (161)

```
Permission to use, copy, modify, distribute and sell this software
and its documentation for any purpose is hereby granted without fee,
provided that the above copyright notice appear in all copies and
that both that copyright notice and this permission notice appear
in supporting documentation.  Hewlett-Packard Company makes no
representations about the suitability of this software for any
purpose.  It is provided "as is" without express or implied warranty.
```

1.2.162 BSD-3-Clause (Intel Corporation) (162)

```
Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

Redistribution's of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

Redistribution's in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

The name of Intel Corporation may not be used to endorse or promote products
derived from this software without specific prior written permission.

This software is provided by the copyright holders and contributors "as is" and
any express or implied warranties, including, but not limited to, the implied
warranties of merchantability and fitness for a particular purpose are disclaimed.
In no event shall the Intel Corporation or contributors be liable for any direct,
indirect, incidental, special, exemplary, or consequential damages
(including, but not limited to, procurement of substitute goods or services;
loss of use, data, or profits; or business interruption) however caused
and on any theory of liability, whether in contract, strict liability,
or tort (including negligence or otherwise) arising in any way out of
the use of this software, even if advised of the possibility of such damage.
```

1.2.163 Unicode-TOU (163)

```
Unicode® Copyright and Terms of Use
For the general privacy policy governing access to this site, see the  Unicode Privacy
Policy.

Unicode Copyright
Copyright © 1991-2019 Unicode, Inc. All rights reserved.

Definitions
Unicode Data Files ("DATA FILES") include all data files under the directories:
https://www.unicode.org/Public/
https://www.unicode.org/reports/
https://www.unicode.org/ivd/data/

Unicode Data Files do not include PDF online code charts under the directory:
https://www.unicode.org/Public/

Unicode Software ("SOFTWARE") includes any source code published in the Unicode
Standard
or any source code or compiled code under the directories:
https://www.unicode.org/Public/PROGRAMS/
https://www.unicode.org/Public/cldr/
https://site.icu-project.org/download/

Terms of Use
Certain documents and files on this website contain a legend indicating that
"Modification is permitted." Any person is hereby authorized, without fee, to modify
```

such documents and files to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.
Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files, subject to the Terms and Conditions herein.
Further specifications of rights and restrictions pertaining to the use of the Unicode DATA FILES and SOFTWARE can be found in the Unicode Data Files and Software License.
Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page.
The Unicode PDF online code charts carry specific restrictions. Those restrictions are incorporated as the first page of each PDF code chart.
All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.
No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.
Modification is not permitted with respect to this document. All copies of this document must be verbatim.

Restricted Rights Legend
Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

Warranties and Disclaimers
This publication and/or website may include technical or typographical errors or other inaccuracies. Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode, Inc. may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.
If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.
EXCEPT AS PROVIDED IN SECTION E.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE, INC. AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

Waiver of Damages
In no event shall Unicode, Inc. or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode, Inc. was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

Trademarks & Logos
The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. “The Unicode Consortium” and “Unicode, Inc.” are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.’s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names.
The Unicode Consortium Name and Trademark Usage Policy (“Trademark Policy”) are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.
All third party trademarks referenced herein are the property of their respective owners.

Miscellaneous
Jurisdiction and Venue. This website is operated from a location in the State of California, United States of America. Unicode, Inc. makes no representation that the materials are appropriate for use in other locations. If you access this website from other locations, you are responsible for compliance with local laws. This Agreement, all use of this website and any claims and damages resulting from use of this website are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this website shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum.
Modification by Unicode, Inc. Unicode, Inc. shall have the right to modify this Agreement at any time by posting it to this website. The user may not assign any part of this Agreement without Unicode, Inc.'s prior written consent.
Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode's net income.
Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.
Entire Agreement. This Agreement constitutes the entire agreement between the parties.

1.2.164 Permission Notice (SunPro, a Sun Microsystems) (164)

Developed at SunPro, a Sun Microsystems, Inc. business.
Permission to use, copy, modify, and distribute this
software is freely granted, provided that this notice
is preserved.

1.2.165 BSD-3-Clause (CARNEGIE MELLON UNIVERSITY) (165)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY CARNEGIE MELLON UNIVERSITY AND
CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE UNIVERSITY OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER
IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.166 GPL-2.0+-with-Linking-exception (166)

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the

same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not

specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details

type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

This file is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

In addition to the permissions in the GNU General Public License, the
Free Software Foundation gives you unlimited permission to link the
compiled version of this file with other programs, and to distribute
those programs without any restriction coming from the use of this
file. (The General Public License restrictions do apply in other
respects; for example, they cover modification of the file, and
distribution when not linked into another program.

1.2.167 PCRE LICENCE (167)

Permission is granted to anyone to use this software for any purpose on any
computer system, and to redistribute it freely, subject to the following
restrictions:

1. This software is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

2. The origin of this software must not be misrepresented, either by
explicit claim or by omission. In practice, this means that if you use
PCRE in software that you distribute to others, commercially or
otherwise, you must put a sentence like this

Regular expression support is provided by the PCRE library package,
which is open source software, written by Philip Hazel, and copyright
by the University of Cambridge, England.

somewhere reasonably visible in your documentation and in any relevant
files or online help data or similar. A reference to the ftp site for
the source, that is, to

ftp://ftp.csx.cam.ac.uk/pub/software/programming/pcre/

should also be given in the documentation. However, this condition is not
intended to apply to whole chains of software. If package A includes PCRE,

it must acknowledge it, but if package B is software that includes package
A, the condition is not imposed on package B (unless it uses PCRE
independently).

3. Altered versions must be plainly marked as such, and must not be
misrepresented as being the original software.

4. If PCRE is embedded in any software that is released under the GNU
General Purpose Licence (GPL), or Lesser General Purpose Licence (LGPL),
then the terms of that licence shall supersede any condition above with
which it is incompatible.

1.2.168 FSFAP (168)

Copying and distribution of this file, with or without modification, are permitted in
any medium without royalty provided the copyright notice and this notice are
preserved. This file is offered as-is, without any warranty.

1.2.169 BSD-3-Clause (Regents and Contributors) (169)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. [This condition was removed.]
4. Neither the name of the University nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.2.170 Spencer-94 (170)

This software is not subject to any license of the American Telephone
and Telegraph Company or of the Regents of the University of California.

Permission is granted to anyone to use this software for any purpose on
any computer system, and to alter it and redistribute it, subject
to the following restrictions:

1. The author is not responsible for the consequences of use of this
software, no matter how awful, even if they arise from flaws in it.

2. The origin of this software must not be misrepresented, either by
explicit claim or by omission. Since few users ever read sources,
credits must appear in the documentation.

3. Altered versions must be plainly marked as such, and must not be
misrepresented as being the original software. Since few users
ever read sources, credits must appear in the documentation.

4. This notice may not be removed or altered.

1.2.171 Permission Notice (IBM) (171)

International Business Machines, Inc. (hereinafter called IBM) grants permission under its copyrights to use, copy, modify, and distribute this Software with or without fee, provided that the above copyright notice and all paragraphs of this notice appear in all copies, and that the name of IBM not be used in connection with the marketing of any product incorporating the Software or modifications thereof, without specific, written prior permission.

To the extent it has a right to do so, IBM grants an immunity from suit under its patents, if any, for the use, sale or manufacture of products to the extent that such products are used for performing Domain Name System dynamic updates in TCP/IP networks by means of the Software. No immunity is granted for any product per se or for any other function of any product.

THE SOFTWARE IS PROVIDED "AS IS", AND IBM DISCLAIMS ALL WARRANTIES, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL IBM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE, EVEN IF IBM IS APPRISED OF THE POSSIBILITY OF SUCH DAMAGES.

1.2.172 Digital Equipment Corporation Permission Notice (172)

Portions Copyright (c) 1993 by Digital Equipment Corporation.

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies, and that the name of Digital Equipment Corporation not be used in advertising or publicity pertaining to distribution of the document or software without specific, written prior permission.

THE SOFTWARE IS PROVIDED "AS IS" AND DIGITAL EQUIPMENT CORP. DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL DIGITAL EQUIPMENT CORPORATION BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.2.173 Free Software Foundation Notice (173)

This is free software; see the source for copying conditions. There is NO warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

1.2.174 LGPL-2.1+-with-exception (174)

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many

libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".
A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or

work under the terms of Section 1 above, provided that you also meet all of these conditions:
a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library),

rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:
a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.
10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.
11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.
If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any

later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.
NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and an idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

The GNU C Library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

In addition to the permissions in the GNU Lesser General Public
License, the Free Software Foundation gives you unlimited
permission to link the compiled version of this file with other
programs, and to distribute those programs without any restriction
coming from the use of this file. (The GNU Lesser General Public
License restrictions do apply in other respects; for example, they
cover modification of the file, and distribution when not linked
into another program.)

Note that people who make modified versions of this file are not
obligated to grant this special exception for their modified
versions; it is their choice whether to do so. The GNU Lesser
General Public License gives permission to release a modified
version without this exception; this exception also makes it
possible to release a modified version which carries forward this
exception.

The GNU C Library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with the GNU C Library; if not, see
<http://www.gnu.org/licenses/>.

1.2.175 Unicode Notice (175)

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories
http://www.unicode.org/Public/, http://www.unicode.org/reports/, and
http://www.unicode.org/cldr/data/. Unicode Data Files do not include PDF
online code charts under the directory http://www.unicode.org/Public/.
Software includes any source code published in the Unicode Standard or under
the directories http://www.unicode.org/Public/,
http://www.unicode.org/reports/, and http://www.unicode.org/cldr/data/.

NOTICE TO USER: Carefully read the following legal agreement. BY
DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES
("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND
AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF
YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA
FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2013 Unicode, Inc. All rights reserved. Distributed under
the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a
copy of the Unicode data files and any associated documentation (the "Data
Files") or Unicode software and any associated documentation (the "Software")
to deal in the Data Files or Software without restriction, including without
limitation the rights to use, copy, modify, merge, publish, distribute, and/or

sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

1.2.176 Permission Notice (176)

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

1.2.177 Permission Notice (177)

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of the copyright holder not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

Tom Lord DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL TOM LORD BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.2.178 Permission Notice (178)

Distribution and use is free, also for commercial purposes.

1.2.179 InnerNet-2.00 (179)

The Inner Net License, Version 2.00

The author(s) grant permission for redistribution and use in source and binary forms, with or without modification, of the software and documentation provided that the following conditions are met:

0. If you receive a version of the software that is specifically labelled as not being for redistribution (check the version message and/or README), you are not permitted to redistribute that version of the software in any way or form.
1. All terms of the all other applicable copyrights and licenses must be followed.

```
2. Redistributions of source code must retain the authors' copyright
notice(s), this list of conditions, and the following disclaimer.
3. Redistributions in binary form must reproduce the authors' copyright
notice(s), this list of conditions, and the following disclaimer in the
documentation and/or other materials provided with the distribution.
4. [The copyright holder has authorized the removal of this clause.]
5. Neither the name(s) of the author(s) nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY ITS AUTHORS AND CONTRIBUTORS ``AS IS'' AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE AUTHORS OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.180 Public-domain (180)

```
The first function is a little bit optimized (as found in Colin Plumbs public domain
implementation).
```

1.2.181 Public-domain (181)

```
The Free Software Foundation does not claim any copyright interest
in the locale data contained in this file.  The foregoing does not
affect the license of the GNU C Library as a whole.  It does not
exempt you from the conditions of the license if your use would
otherwise be governed by that license.
```

1.2.182 ISC (182)

```
Permission to use, copy, modify, and distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS.  IN NO EVENT SHALL ISC BE LIABLE FOR
ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

1.2.183 ISC (183)

```
Permission to use, copy, modify, and distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND INTERNET SOFTWARE CONSORTIUM DISCLAIMS
ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL INTERNET SOFTWARE
CONSORTIUM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL
DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR
PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS
ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
SOFTWARE.
```

1.2.184 BSD-3-Clause (184)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
```

met:

* Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* The name of Intel Corporation may not be used to endorse or promote
products derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTEL OR ITS
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY
OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.185 BSD-3-Clause (185)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials
provided with the distribution.
* Neither the name of the "Oracle America, Inc." nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.186 BSD-3-Clause (186)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
4. Neither the name of the University nor the names of its contributors
may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.2.187 CMU (187)

Permission to use, copy, modify and distribute this software and its documentation is
hereby granted, provided that both the copyright notice and this permission notice
appear in all copies of the software, derivative works or modified versions, and any
portions thereof, and that both notices appear in supporting documentation.

carnegie mellon allows free use of this software in its “as is” condition. carnegie
mellon disclaims any liability of any kind for any damages whatsoever resulting from
the use of this software.

Carnegie Mellon requests users of this software to return to

Software Distribution Coordinator
School of Computer Science
Carnegie Mellon University
Pittsburgh PA 15213-3890
or Software.Distribution@CS.CMU.EDU

any improvements or extensions that they make and grant Carnegie Mellon the rights to
redistribute these changes.

1.2.188 Artistic-2.0 (188)

Artistic License 2.0
Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.

Preamble
This license establishes the terms under which a given free software Package may be
copied, modified, distributed, and/or redistributed. The intent is that the Copyright
Holder maintains some artistic control over the development of that Package while
still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly
with the Copyright Holder of a given Package. If the terms of this license do not
permit the full use that you propose to make of the Package, you should contact the
Copyright Holder and seek a different licensing arrangement.

Definitions
"Copyright Holder" means the individual(s) or organization(s) named in the copyright
notice for the entire Package.

"Contributor" means any party that has contributed code or other material to the
Package, in accordance with the Copyright Holder's procedures.

"You" and "your" means any person who would like to copy, distribute, or modify the
Package.

"Package" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

"Distribute" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

"Distributor Fee" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

"Standard Version" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

"Modified Version" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

"Original License" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

"Source" form means the source code, documentation source, and configuration files for the Package.

"Compiled" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

Permission for Use and Modification Without Distribution
(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

Permissions for Redistribution of the Standard Version
(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

Distribution of Modified Versions of the Package as Source
(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.
(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.
(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under
(i) the Original License or
(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source
(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Aggregating or Linking the Package
(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version
(9) Works (including, but not limited to, modules and scripts) that merely extent or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

General Provisions
(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.189 MIT (189)

```
The author (Baptiste Lepilleur) explicitly disclaims copyright in all  jurisdictions
which recognize such a disclaimer. In such jurisdictions,
this software is released into the Public Domain.

In jurisdictions which do not recognize Public Domain property (e.g. Germany as of
2010), this software is Copyright (c) 2007-2010 by Baptiste Lepilleur, and is
released under the terms of the MIT License (see below).

In jurisdictions which recognize Public Domain property, the user of this
software may choose to accept it either as 1) Public Domain, 2) under the
conditions of the MIT License (see below), or 3) under the terms of dual
Public Domain/MIT License conditions described here, as they choose.

The MIT License is about as close to Public Domain as a license can get, and is
described in clear, concise terms at:

http://en.wikipedia.org/wiki/MIT_License

The full text of the MIT License follows:

Copyright (c) 2007-2010 Baptiste Lepilleur

Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including without limitation the rights to use, copy,
modify, merge, publish, distribute, sublicense, and/or sell copies
of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS
BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN
ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.
==========================================================================
(END LICENSE TEXT)

The MIT license is compatible with both the GPL and commercial
software, affording one all of the rights of Public Domain with the
minor nuisance of being required to keep the above copyright notice
and license text in the source code. Note also that by accepting the
Public Domain "license" you can re-license your copy using whatever
license you like.
```

1.2.190 Dual License: BSD-3-Clause Style 1 OR GPL-2.0 (190)

```
Unless otherwise *explicitly* stated, the following text describes the
licensed conditions under which the contents of this libcap release
may be used and distributed:

--------------------------------------------------------------------------
Redistribution and use in source and binary forms of libcap, with
or without modification, are permitted provided that the following
conditions are met:

1. Redistributions of source code must retain any existing copyright
```

notice, and this entire permission notice in its entirety,
including the disclaimer of warranties.

2. Redistributions in binary form must reproduce all prior and current
copyright notices, this list of conditions, and the following
disclaimer in the documentation and/or other materials provided
with the distribution.

3. The name of any author may not be used to endorse or promote
products derived from this software without their specific prior
written permission.

ALTERNATIVELY, this product may be distributed under the terms of the
GNU General Public License (v2.0 - see below), in which case the
provisions of the GNU GPL are required INSTEAD OF the above
restrictions. (This clause is necessary due to a potential conflict
between the GNU GPL and the restrictions contained in a BSD-style
copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.

Full text of gpl-2.0.txt:

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it. (Some other Free Software Foundation software is covered by
the GNU Lesser General Public License instead.) You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.

These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any
part thereof, to be licensed as a whole at no charge to all third
parties under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
notice that there is no warranty (or else, saying that you provide
a warranty) and that users may redistribute the program under
these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections
1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your
cost of physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer
to distribute corresponding source code. (This alternative is
allowed only for noncommercial distribution and only if you
received the program in object code or executable form with such
an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source
code means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to
control compilation and installation of the executable. However, as a
special exception, the source code distributed need not include

anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to

be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License along
with this program; if not, write to the Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Lesser General
Public License instead of this License.
```

1.2.191 Dual License: BSD-3-Clause Style 2 OR LGPL-2.0 ref. (191)

```
Unless otherwise *explicitly* stated the following text describes the
licensed conditions under which the contents of this module release
may be distributed:

------------------------------------------------------------------------
Redistribution and use in source and binary forms of this module, with
or without modification, are permitted provided that the following
conditions are met:

1. Redistributions of source code must retain any existing copyright
notice, and this entire permission notice in its entirety,
including the disclaimer of warranties.
```

2. Redistributions in binary form must reproduce all prior and current
copyright notices, this list of conditions, and the following
disclaimer in the documentation and/or other materials provided
with the distribution.

3. The name of any author may not be used to endorse or promote
products derived from this software without their specific prior
written permission.

ALTERNATIVELY, this product may be distributed under the terms of the
GNU Library General Public License, in which case the provisions of
the GNU LGPL are required INSTEAD OF the above restrictions. (This
clause is necessary due to a potential conflict between the GNU LGPL
and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
---
https://www.gnu.org/licenses/lgpl-2.0.txt

GNU LIBRARY GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some
specially designated Free Software Foundation software, and to any
other libraries whose authors decide to use it. You can use it for
your libraries, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.
These restrictions translate to certain responsibilities for you if
you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis

or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

GNU LIBRARY GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which
contains a notice placed by the copyright holder or other authorized
party saying it may be distributed under the terms of this Library
General Public License (also called "this License"). Each licensee is
addressed as "you".

A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
and installation of the library.

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

You may charge a fee for the physical act of transferring a copy,
and you may at your option offer warranty protection in exchange for a
fee.

2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a

table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above

specified materials from the same place.

d) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the source code distributed need not include anything that is normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

b) Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties to
this License.

11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),

conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY

KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.2.192 BSD-3-Clause (192)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.
- Neither the name of the libjpeg-turbo Project nor the names of its
contributors may be used to endorse or promote products derived from this
software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS",
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

1.2.193 IJG (193)

```
Independent JPEG Group License


LEGAL ISSUES
============

In plain English:

1. We don't promise that this software works. (But if you find any bugs,
please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a
program, you must acknowledge somewhere in your documentation that
you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied,
with respect to this software, its quality, accuracy, merchantability, or
fitness for a particular purpose. This software is provided "AS IS", and you,
its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane.
All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this
software (or portions thereof) for any purpose, without fee, subject to these
conditions:
(1) If any part of the source code for this software is distributed, then this
README file must be included, with this copyright and no-warranty notice
unaltered; and any additions, deletions, or changes to the original files
must be clearly indicated in accompanying documentation.
(2) If only executable code is distributed, then the accompanying
documentation must state that "this software is based in part on the work of
the Independent JPEG Group".
(3) Permission for use of this software is granted only if the user accepts
full responsibility for any undesirable consequences; the authors accept
```

```
NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code,
not just to the unmodified library. If you use our work, you ought to
acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name
in advertising or publicity relating to this software or products derived from
it. This software may be referred to only as "the Independent JPEG Group's
software".

We specifically permit and encourage the use of this software as the basis of
commercial products, provided that all warranty or liability claims are
assumed by the product vendor.


ansi2knr.c is included in this distribution by permission of L. Peter Deutsch,
sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA.
ansi2knr.c is NOT covered by the above copyright and conditions, but instead
by the usual distribution terms of the Free Software Foundation; principally,
that you must include source code if you redistribute it. (See the file
ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part
of any program generated from the IJG code, this does not limit you more than
the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf.
It is copyright by the Free Software Foundation but is freely distributable.
The same holds for its supporting scripts (config.guess, config.sub,
ltconfig, ltmain.sh). Another support script, install-sh, is copyright
by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by
patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot
legally be used without obtaining one or more licenses. For this reason,
support for arithmetic coding has been removed from the free JPEG software.
(Since arithmetic coding provides only a marginal gain over the unpatented
Huffman mode, it is unlikely that very many implementations will support it.)
So far as we are aware, there are no patent restrictions on the remaining
code.

The IJG distribution formerly included code to read and write GIF files.
To avoid entanglement with the Unisys LZW patent, GIF reading support has
been removed altogether, and the GIF writer has been simplified to produce
"uncompressed GIFs". This technique does not use the LZW algorithm; the
resulting GIF files are larger than usual, but are readable by all standard
GIF decoders.

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of
CompuServe Incorporated. GIF(sm) is a Service Mark property of
CompuServe Incorporated."
```

1.2.194 Notice (194)

```
This section provides a roll-up of the libjpeg-turbo licensing terms, to the best of
our understanding.

libjpeg-turbo Licenses
======================

libjpeg-turbo is covered by three compatible BSD-style open source licenses:

- The IJG (Independent JPEG Group) License, which is listed in
[README.ijg](README.ijg)
```

This license applies to the libjpeg API library and associated programs
(any code inherited from libjpeg, and any modifications to that code.)

- The Modified (3-clause) BSD License, which is listed below

This license covers the TurboJPEG API library and associated programs, as
well as the build system.

- The zlib License, which is listed below

This license is a subset of the other two, and it covers the libjpeg-turbo
SIMD extensions.

1.2.195 Public Domain Notice: (195)

This code implements the MD5 message-digest algorithm.
The algorithm is due to Ron Rivest. This code was
written by Colin Plumb in 1993, no copyright is claimed.
This code is in the public domain; do with it what you wish.

1.2.196 Permission Notice (196)

Permission to use, copy, modify, and distribute this software and its documentation
for any purpose and without fee is hereby granted, provided
that the above copyright notice appear in all copies and that both that copyright
notice and this permission notice appear in supporting documentation. This software
is provided "as is" without express or implied warranty.

1.2.197 Beerware (197)

"THE BEER-WARE LICENSE" (Revision 42):
<phk@FreeBSD.org> wrote this file. As long as you retain this notice you
can do whatever you want with this stuff. If we meet some day, and you think
this stuff is worth it, you can buy me a beer in return.   Poul-Henning Kamp

1.2.198 CC-BY-SA-3.0 (198)

Attribution-ShareAlike 3.0 Unported

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.
License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

"Adaptation" means a work based upon the Work, or upon the Work and other pre-existing works, such as a translation, adaptation, derivative work, arrangement of music or other alterations of a literary or artistic work, or phonogram or performance and includes cinematographic adaptations or any other form in which the Work may be recast, transformed, or adapted including in any form recognizably derived from the original, except that a work that constitutes a Collection will not be considered an Adaptation for the purpose of this License. For the avoidance of doubt, where the Work

is a musical work, performance or phonogram, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered an Adaptation for the purpose of this License.
"Collection" means a collection of literary or artistic works, such as encyclopedias and anthologies, or performances, phonograms or broadcasts, or other works or subject matter other than works listed in Section 1(f) below, which, by reason of the selection and arrangement of their contents, constitute intellectual creations, in which the Work is included in its entirety in unmodified form along with one or more other contributions, each constituting separate and independent works in themselves, which together are assembled into a collective whole. A work that constitutes a Collection will not be considered an Adaptation (as defined below) for the purposes of this License.
"Creative Commons Compatible License" means a license that is listed at http://creativecommons.org/compatiblelicenses that has been approved by Creative Commons as being essentially equivalent to this License, including, at a minimum, because that license: (i) contains terms that have the same purpose, meaning and effect as the License Elements of this License; and, (ii) explicitly permits the relicensing of adaptations of works made available under that license under this License or a Creative Commons jurisdiction license with the same License Elements as this License.
"Distribute" means to make available to the public the original and copies of the Work or Adaptation, as appropriate, through sale or other transfer of ownership.
"License Elements" means the following high-level license attributes as selected by Licensor and indicated in the title of this License: Attribution, ShareAlike.
"Licensor" means the individual, individuals, entity or entities that offer(s) the Work under the terms of this License.
"Original Author" means, in the case of a literary or artistic work, the individual, individuals, entity or entities who created the Work or if no individual or entity can be identified, the publisher; and in addition (i) in the case of a performance the actors, singers, musicians, dancers, and other persons who act, sing, deliver, declaim, play in, interpret or otherwise perform literary or artistic works or expressions of folklore; (ii) in the case of a phonogram the producer being the person or legal entity who first fixes the sounds of a performance or other sounds; and, (iii) in the case of broadcasts, the organization that transmits the broadcast.
"Work" means the literary and/or artistic work offered under the terms of this License including without limitation any production in the literary, scientific and artistic domain, whatever may be the mode or form of its expression including digital form, such as a book, pamphlet and other writing; a lecture, address, sermon or other work of the same nature; a dramatic or dramatico-musical work; a choreographic work or entertainment in dumb show; a musical composition with or without words; a cinematographic work to which are assimilated works expressed by a process analogous to cinematography; a work of drawing, painting, architecture, sculpture, engraving or lithography; a photographic work to which are assimilated works expressed by a process analogous to photography; a work of applied art; an illustration, map, plan, sketch or three-dimensional work relative to geography, topography, architecture or science; a performance; a broadcast; a phonogram; a compilation of data to the extent it is protected as a copyrightable work; or a work performed by a variety or circus performer to the extent it is not otherwise considered a literary or artistic work.
"You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.
"Publicly Perform" means to perform public recitations of the Work and to communicate to the public those public recitations, by any means or process, including by wire or wireless means or public digital performances; to make available to the public Works in such a way that members of the public may access these Works from a place and at a place individually chosen by them; to perform the Work to the public by any means or process and the communication to the public of the performances of the Work, including by public digital performance; to broadcast and rebroadcast the Work by any means including signs, sounds or images.
"Reproduce" means to make copies of the Work by any means including without limitation by sound or visual recordings and the right of fixation and reproducing fixations of the Work, including storage of a protected performance or phonogram in digital form or other electronic medium.
2. Fair Dealing Rights. Nothing in this License is intended to reduce, limit, or restrict any uses free from copyright or rights arising from limitations or exceptions that are provided for in connection with the copyright protection under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

to Reproduce the Work, to incorporate the Work into one or more Collections, and to Reproduce the Work as incorporated in the Collections;
to create and Reproduce Adaptations provided that any such Adaptation, including any translation in any medium, takes reasonable steps to clearly label, demarcate or otherwise identify that changes were made to the original Work. For example, a translation could be marked "The original work was translated from English to Spanish," or a modification could indicate "The original work has been modified.";
to Distribute and Publicly Perform the Work including as incorporated in Collections; and,
to Distribute and Publicly Perform Adaptations.
For the avoidance of doubt:

Non-waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme cannot be waived, the Licensor reserves the exclusive right to collect such royalties for any exercise by You of the rights granted under this License;
Waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme can be waived, the Licensor waives the exclusive right to collect such royalties for any exercise by You of the rights granted under this License; and,
Voluntary License Schemes. The Licensor waives the right to collect royalties, whether individually or, in the event that the Licensor is a member of a collecting society that administers voluntary licensing schemes, via that society, from any exercise by You of the rights granted under this License.
The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. Subject to Section 8(f), all rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You may Distribute or Publicly Perform the Work only under the terms of this License. You must include a copy of, or the Uniform Resource Identifier (URI) for, this License with every copy of the Work You Distribute or Publicly Perform. You may not offer or impose any terms on the Work that restrict the terms of this License or the ability of the recipient of the Work to exercise the rights granted to that recipient under the terms of the License. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties with every copy of the Work You Distribute or Publicly Perform. When You Distribute or Publicly Perform the Work, You may not impose any effective technological measures on the Work that restrict the ability of a recipient of the Work from You to exercise the rights granted to that recipient under the terms of the License. This Section 4(a) applies to the Work as incorporated in a Collection, but this does not require the Collection apart from the Work itself to be made subject to the terms of this License. If You create a Collection, upon notice from any Licensor You must, to the extent practicable, remove from the Collection any credit as required by Section 4(c), as requested. If You create an Adaptation, upon notice from any Licensor You must, to the extent practicable, remove from the Adaptation any credit as required by Section 4(c), as requested.
You may Distribute or Publicly Perform an Adaptation only under the terms of: (i) this License; (ii) a later version of this License with the same License Elements as this License; (iii) a Creative Commons jurisdiction license (either this or a later license version) that contains the same License Elements as this License (e.g., Attribution-ShareAlike 3.0 US)); (iv) a Creative Commons Compatible License. If you license the Adaptation under one of the licenses mentioned in (iv), you must comply with the terms of that license. If you license the Adaptation under the terms of any of the licenses mentioned in (i), (ii) or (iii) (the "Applicable License"), you must comply with the terms of the Applicable License generally and the following provisions: (I) You must include a copy of, or the URI for, the Applicable License with every copy of each Adaptation You Distribute or Publicly Perform; (II) You may not offer or impose any terms on the Adaptation that restrict the terms of the Applicable License or the

ability of the recipient of the Adaptation to exercise the rights granted to that recipient under the terms of the Applicable License; (III) You must keep intact all notices that refer to the Applicable License and to the disclaimer of warranties with every copy of the Work as included in the Adaptation You Distribute or Publicly Perform; (IV) when You Distribute or Publicly Perform the Adaptation, You may not impose any effective technological measures on the Adaptation that restrict the ability of a recipient of the Adaptation from You to exercise the rights granted to that recipient under the terms of the Applicable License. This Section 4(b) applies to the Adaptation as incorporated in a Collection, but this does not require the Collection apart from the Adaptation itself to be made subject to the terms of the Applicable License.
If You Distribute, or Publicly Perform the Work or any Adaptations or Collections, You must, unless a request has been made pursuant to Section 4(a), keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or if the Original Author and/or Licensor designate another party or parties (e.g., a sponsor institute, publishing entity, journal) for attribution ("Attribution Parties") in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; (ii) the title of the Work if supplied; (iii) to the extent reasonably practicable, the URI, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and (iv) , consistent with Ssection 3(b), in the case of an Adaptation, a credit identifying the use of the Work in the Adaptation (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). The credit required by this Section 4(c) may be implemented in any reasonable manner; provided, however, that in the case of a Adaptation or Collection, at a minimum such credit will appear, if a credit for all contributing authors of the Adaptation or Collection appears, then as part of these credits and in a manner at least as prominent as the credits for the other contributing authors. For the avoidance of doubt, You may only use the credit required by this Section for the purpose of attribution in the manner set out above and, by exercising Your rights under this License, You may not implicitly or explicitly assert or imply any connection with, sponsorship or endorsement by the Original Author, Licensor and/or Attribution Parties, as appropriate, of You or Your use of the Work, without the separate, express prior written permission of the Original Author, Licensor and/or Attribution Parties.
Except as otherwise agreed in writing by the Licensor or as may be otherwise permitted by applicable law, if You Reproduce, Distribute or Publicly Perform the Work either by itself or as part of any Adaptations or Collections, You must not distort, mutilate, modify or take other derogatory action in relation to the Work which would be prejudicial to the Original Author's honor or reputation. Licensor agrees that in those jurisdictions (e.g. Japan), in which any exercise of the right granted in Section 3(b) of this License (the right to make Adaptations) would be deemed to be a distortion, mutilation, modification or other derogatory action prejudicial to the Original Author's honor and reputation, the Licensor will waive or not assert, as appropriate, this Section, to the fullest extent permitted by the applicable national law, to enable You to reasonably exercise Your right under Section 3(b) of this License (right to make Adaptations) but not otherwise.
5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received

Adaptations or Collections from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.
Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.
8. Miscellaneous

Each time You Distribute or Publicly Perform the Work or a Collection, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.
Each time You Distribute or Publicly Perform an Adaptation, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.
If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.
No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.
This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.
The rights granted under, and the subject matter referenced, in this License were drafted utilizing the terminology of the Berne Convention for the Protection of Literary and Artistic Works (as amended on September 28, 1979), the Rome Convention of 1961, the WIPO Copyright Treaty of 1996, the WIPO Performances and Phonograms Treaty of 1996 and the Universal Copyright Convention (as revised on July 24, 1971). These rights and subject matter take effect in the relevant jurisdiction in which the License terms are sought to be enforced according to the corresponding provisions of the implementation of those treaty provisions in the applicable national law. If the standard suite of rights granted under applicable copyright law includes additional rights not granted under this License, such additional rights are deemed to be included in the License; this License is not intended to restrict the license of any rights under applicable law.
Creative Commons Notice

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, Creative Commons does not authorize the use by either party of the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time. For the avoidance of doubt, this trademark restriction does not form part of the License.

Creative Commons may be contacted at http://creativecommons.org/.

1.2.199 ISC (199)

```
Permission to use, copy, modify, and/or distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

1.2.200 Dual License :MIT/X11 (200)

```
This is a code generator built using the iMatix GSL code generation language. See
https://github.com/imatix/gsl for details. This script is licensed under MIT/X11.
```

1.2.201 Permission Notice (201)

```
Permission Notice
```

1.2.202 X11 (202)

```
Copyright (C) 1996 X Consortium

Permission is hereby granted, free of charge, to any person obtaining a copy of this
software and associated documentation files (the "Software"), to deal in the Software
without restriction, including without limitation the rights to use, copy, modify,
merge, publish, distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice shall be included in all copies
or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE X CONSORTIUM BE LIABLE
FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR
OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not be used in
advertising or otherwise to promote the sale, use or other dealings in this Software
without prior written authorization from the X Consortium.

X Window System is a trademark of X Consortium, Inc.
```

1.2.203 Public Domain Notice: (203)

```
This file has no copyright assigned and is placed in the Public Domain.
```

1.2.204 Public Domain with Disclaimer (204)

```
This source code is offered for use in the public domain. You may
use, modify or distribute it freely.

This code is distributed in the hope that it will be useful but
WITHOUT ANY WARRANTY. ALL WARRANTIES, EXPRESS OR IMPLIED ARE HEREBY
DISCLAIMED. This includes but is not limited to warranties of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.205 Public Domain Notice: (205)

```
Written by Solar Designer and placed in the public domain.
```

1.2.206 Public Domain Notice: (206)

```
Written by Solar Designer <solar@openwall.com> in 2001, and placed in the public
domain.
```

1.2.207 Public Domain Notice: (207)

```
Written by Solar Designer <solar@openwall.com> in 2001, and placed in
the public domain.  There's absolutely no warranty.

This differs from Colin Plumb's older public domain implementation in
that no 32-bit integer data type is required, there's no compile-time
endianness configuration.
```

1.2.208 Public Domain Notice: (208)

```
Public api for steve reid's public domain SHA-1 implementation.
This file is in the public domain.
```

1.2.209 Public Domain Notice: (209)

```
No copyright is claimed, and this man page is hereby placed in the public
domain.  In case this attempt to disclaim copyright and place the man page
in the public domain is deemed null and void, then the man page is
Copyright 2000-2011 Solar Designer, 2017 Zack Weinberg, and it is
hereby released to the general public under the following terms:

Redistribution and use in source and binary forms, with or without
modification, are permitted.

There's ABSOLUTELY NO WARRANTY, express or implied.

This manual page in its current form is intended for use on systems
based on the GNU C Library with crypt_blowfish patched into libcrypt.
```

1.2.210 Public Domain Notice: (210)

```
No copyright is claimed, and the software is hereby placed in the public
domain.  In case this attempt to disclaim copyright and place the software
in the public domain is deemed null and void, then the software is
Copyright (c) 2000-2014 Solar Designer and it is hereby released to the
general public under the following terms:

Redistribution and use in source and binary forms, with or without
modification, are permitted.

There's ABSOLUTELY NO WARRANTY, express or implied.
```

1.2.211 Public Domain Notice: (211)

```
No copyright is claimed, and the software is hereby placed in the public
domain.  In case this attempt to disclaim copyright and place the software
in the public domain is deemed null and void, then the software is
Copyright (c) 1998-2014 Solar Designer and it is hereby released to the
general public under the following terms:

Redistribution and use in source and binary forms, with or without
modification, are permitted.

There's ABSOLUTELY NO WARRANTY, express or implied.
```

```
It is my intent that you should be able to use this on your system,
as part of a software package, or anywhere else to improve security,
ensure compatibility, or for any other purpose.  I would appreciate
it if you give credit where it is due and keep your modifications in
the public domain as well, but I don't require that in order to let
you place this code and any modifications you make under a license
of your choice.
```

1.2.212 BSD-3-Clause (212)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.213 BSD-3-Clause (213)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. Neither the name of the author nor the names of other contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.214 BSD-2-Clause (214)

```
Copyright (c) <YEAR>, <OWNER>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:
```

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE

1.2.215 BSD-2-Clause (215)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.216 BSD-2-Clause (216)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.217 BSD-2-Clause (217)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following disclaimer
in the documentation and/or other materials provided with the
distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.218 Dual License - GPL-2.0 and BSD-2-Clause (218)

```
This source code is licensed under both the BSD-style license (found in the
LICENSE file in the root directory of this source tree) and the GPLv2 (found
in the COPYING file in the root directory of this source tree).
```

1.2.219 BSD-3-Clause(ST-Ericsson SA) (219)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials
provided with the distribution.
3. Neither the name of the ST-Ericsson SA nor the names of its
contributors may be used to endorse or promote products
derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.220 Public-domain (220)

```
Public domain software is software that is not copyrighted. If the source code is in
the public domain, that is a special case of noncopylefted free software, which means
that some copies or modified versions may not be free at all.
```

In some cases, an executable program can be in the public domain but the source code is not available. This is not free software, because free software requires accessibility of source code. Meanwhile, most free software is not in the public domain; it is copyrighted, and the copyright holders have legally given permission for everyone to use it in freedom, using a free software license.

Sometimes people use the term "public domain" in a loose fashion to mean "free" or "available gratis." However, "public domain" is a legal term and means, precisely, "not copyrighted". For clarity, we recommend using "public domain" for that meaning only, and using other terms to convey the other meanings.

Under the Berne Convention, which most countries have signed, anything written down is automatically copyrighted. This includes programs. Therefore, if you want a program you have written to be in the public domain, you must take some legal steps to disclaim the copyright on it; otherwise, the program is copyrighted.

1.2.221 BSL-1.0 (221)

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.2.222 BSD-3-Clause (222)

copyright (c) 2003-2010, Sparta, Inc
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Sparta, Inc nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

```
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 2: ScienceLogic, LLC (BSD) ----

Copyright (c) 2006, ScienceLogic, LLC
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

*  Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

*  Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

*  Neither the name of ScienceLogic, LLC nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT
HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
```

1.2.223 BSD-3-Clause (223)

```
Use is subject to license terms specified in the COPYING file distributed with the
Net-SNMP package.
```

1.2.224 BSD-3-Clause (224)

```
Use is subject to license terms specified in the COPYING file
distributed with the Net-SNMP package
```

1.2.225 BSD-3-Clause (225)

```
Use is subject to license terms specified in the COPYING file
* distributed with the Net-SNMP package.
```

1.2.226 BSD-3-Clause (226)

```
Redistribution and use in source and binary forms, with or without modification, are
permitted provided
that the following conditions are met:
• Redistributions of source code must retain the above copyright notice, this list of
conditions and
the following disclaimer.
• Redistributions in binary form must reproduce the above copyright notice, this list
of conditions
```

and the following disclaimer in the documentation and/or other materials provided with the
distribution.
• Neither the name of Internet Society, IETF or IETF Trust, nor the names of specific contributors,
may be used to endorse or promote products derived from this software without specific prior written
permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS”
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

1.2.227 BSD-3-Clause (227)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of VMware, Inc. nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS
IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.228 BSD-3-Clause (228)

License is chosen as per net-snmp-5.8/python/LICENSE

1.2.229 BSD-3-Clause (229)

Copyright (c) 2001-2003, Networks Associates Technology, Inc
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of the Networks Associates Technology, Inc nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 3: Cambridge Broadband Ltd. copyright notice (BSD) -----

Portions of this code are copyright (c) 2001-2003, Cambridge Broadband Ltd. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* The name of Cambridge Broadband Ltd. may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 4: Sun Microsystems, Inc. copyright notice (BSD) -----

Copyright (c) 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A. All rights reserved.

Use is subject to license terms below.

This distribution may include materials developed by third parties.

Sun, Sun Microsystems, the Sun logo and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of the Sun Microsystems, Inc. nor the
names of its contributors may be used to endorse or promote
products derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS
IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 5: Sparta, Inc copyright notice (BSD) -----

Copyright (c) 2003-2013, Sparta, Inc
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of Sparta, Inc nor the names of its contributors may
be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS
IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 6: Cisco/BUPTNIC copyright notice (BSD) -----

Copyright (c) 2004, Cisco, Inc and Information Network
Center of Beijing University of Posts and Telecommunications.
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of Cisco, Inc, Beijing University of Posts and
Telecommunications, nor the names of their contributors may
be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS
IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 7: Fabasoft R&D Software GmbH & Co KG copyright notice (BSD) -----

Copyright (c) Fabasoft R&D Software GmbH & Co KG, 2003
oss@fabasoft.com
Author: Bernhard Penz <bernhard.penz@fabasoft.com>

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* The name of Fabasoft R&D Software GmbH & Co KG or any of its subsidiaries,
brand or product names may not be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS'' AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 8: Apple Inc. copyright notice (BSD) -----

Copyright (c) 2007 Apple Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials provided
with the distribution.
3. Neither the name of Apple Inc. ("Apple") nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY APPLE AND ITS CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL APPLE OR ITS
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

---- Part 9: ScienceLogic, LLC copyright notice (BSD) -----

Copyright (c) 2009, ScienceLogic, LLC
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of ScienceLogic, LLC nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.

---- Part 11: IETF copyright notice (BSD) -----

Copyright (c) 2013 IETF Trust and the persons identified as authors of
the code. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are

met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Internet Society, IETF or IETF Trust, nor the names of specific contributors, may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 12: Arista Networks copyright notice (BSD) ----

Copyright (c) 2013, Arista Networks, Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Arista Networks, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 13: VMware, Inc. copyright notice (BSD) -----

Copyright (c) 2016, VMware, Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without

```
modification, are permitted provided that the following conditions are met:

*  Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

*  Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

*  Neither the name of VMware, Inc. nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS
IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 14: USC/Information Sciences Institute copyright notice (BSD) -----

Copyright (c) 2017-2018, Information Sciences Institute
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

*  Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

*  Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

*  Neither the name of Information Sciences Institue nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS
IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.230 BSD-3-Clause (230)

```
.\" Use is subject to license terms specified in the COPYING file
.\" distributed with the Net-SNMP package.
```

1.2.231 BSD-3-Clause (231)

```
# See the file "COPYING" for information on usage and redistribution
# of this file, and for a DISCLAIMER OF ALL WARRANTIES.
```

1.2.232 BSD-3-Clause (232)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions are
* met:
*
* *  Redistributions of source code must retain the above copyright notice,
*    this list of conditions and the following disclaimer.
*
* *  Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
*
* *  Neither the name of Arista Networks, Inc. nor the names of its
*    contributors may be used to endorse or promote products derived
*    from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
* ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
* A PARTICULAR PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT
* HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
* BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
* OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
* TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
* USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
* DAMAGE.
```

1.2.233 BSD-3-Clause (233)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

*  Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

*  Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

*  The name of Fabasoft R&D Software GmbH & Co KG or any of its subsidiaries,
brand or product names may not be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS'' AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT HOLDER BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
```

1.2.234 BSD-3-Clause (234)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

*  Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.
```

```
*  Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

*  The name of Fabasoft R&D Software GmbH & Co KG or any of its subsidiaries,
brand or product names may not be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS'' AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT HOLDER BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.235 BSD-3-Clause (235)

```
Redistribution and use in source and binary forms, with or
without modification, are permitted provided that the
following conditions are met:

- Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

- Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials
provided with the distribution.

- Neither the name of Internet Society, IETF or IETF Trust,
nor the names of specific contributors, may be used to endorse
or promote products derived from this software without
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
CONTRIBUTORS 'AS IS' AND ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,
EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.236 GPL-2.0+-with autoconf exception (236)

```
This file is free software; you can redistribute it and/or modify it
under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

As a special exception to the GNU General Public License, if you
distribute this file as part of a program that contains a
configuration script generated by Autoconf, you may include it under
the same distribution terms that you use for the rest of that program.
```

1.2.237 GPL-2.0+-with autoconf exception (237)

```
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful, but
# WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
# General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
#
# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
```

1.2.238 MIT style (238)

```
Permission to use, copy, modify and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appears in all copies and
that both that copyright notice and this permission notice appear in
supporting documentation, and that the name of CMU and The Regents of
the University of California not be used in advertising or publicity
pertaining to distribution of the software without specific written
permission.

CMU AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA DISCLAIM ALL
WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS.  IN NO EVENT SHALL CMU OR
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA BE LIABLE FOR ANY SPECIAL,
INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING
FROM THE LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF
CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

1.2.239 GPL-2.0+-with-libtool-exception (239)

```
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA  02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it.  By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users.  This
```

General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's

source code as you receive it, in any medium, provided that you
conspicuously and appropriately publish on each copy an appropriate
copyright notice and disclaimer of warranty; keep intact all the
notices that refer to this License and to the absence of any warranty;
and give any other recipients of the Program a copy of this License
along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion
of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any
part thereof, to be licensed as a whole at no charge to all third
parties under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
notice that there is no warranty (or else, saying that you provide
a warranty) and that users may redistribute the program under
these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections
1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your
cost of physically performing source distribution, a complete

machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under

any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER

PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

As a special exception to the GNU General Public License,
if you distribute this file as part of a program or library that
is built using GNU Libtool, you may include this file under the
same distribution terms that you use for the rest of that program.

1.2.240 Artistic-1.0-Perl (240)

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
b) use the modified Package only within your corporation or organization.
c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
b) accompany the distribution with the machine-readable source of the Package with your modifications.
c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.2.241 FSF-Configure-Script-License (241)

This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it

1.2.242 FSF-Makefile-License (242)

This Makefile.in is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

1.2.243 Freeware (243)

* This code is based on code written by Patrick Powell (papowell@astart.com)
* It may be used for any purpose as long as this notice remains intact
* on all source code distribution

1.2.244 Public-domain (244)

```
Public domain.Written by Dale Rahn.
```

1.2.245 Public-domain (245)

```
FSF changes to this file are in the public domain.
```

1.2.246 Public-domain (246)

```
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
* @author Paulo Barreto <paulo.barreto@terra.com.br>
*
* This code is hereby placed in the public domain.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHORS ''AS IS'' AND ANY EXPRESS
* OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
* WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHORS OR CONTRIBUTORS BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
* BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
* WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
* OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,
* EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.247 Public-domain (247)

```
"Unless otherwise stated in individual source files,

THIS SOFTWARE IS NOT COPYRIGHTED

This source code is offered for use in the public domain.  You may use,
modify or distribute it freely.

This source code is distributed in the hope that it will be useful but
WITHOUT ANY WARRANTY.  ALL WARRANTIES, EXPRESS OR IMPLIED ARE HEREBY
DISCLAIMED.  This includes but is not limited to warranties of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE."
```

1.2.248 Public-domain (248)

```
THIS SOFTWARE IS NOT COPYRIGHTED

This source code is offered for use in the public domain.  You may use,
modify or distribute it freely.

This source code is distributed in the hope that it will be useful but
WITHOUT ANY WARRANTY.  ALL WARRANTIES, EXPRESS OR IMPLIED ARE HEREBY
DISCLAIMED.  This includes but is not limited to warranties of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.249 MIT-style (249)

```
Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies.

I DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
I BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
```

```
SOFTWARE.
```

1.2.250 MIT-style (250)

```
Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the name of CMU not be
used in advertising or publicity pertaining to distribution of the
software without specific, written prior permission.

CMU DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
CMU BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
SOFTWARE.
```

1.2.251 MIT-style (251)

```
Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the name of CMU and TGV not be used
in advertising or publicity pertaining to distribution of the software
without specific, written prior permission.

CMU AND TGV DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,
INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO
EVENT SHALL CMU OR TGV BE LIABLE FOR ANY SPECIAL, INDIRECT OR
CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF
USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR
OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
PERFORMANCE OF THIS SOFTWARE.
```

1.2.252 MIT-style (252)

```
.\" Permission to use, copy, modify, and distribute this software and its
.\" documentation for any purpose and without fee is hereby granted,
.\" provided that the above copyright notice appear in all copies.
.\"
.\" I DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
.\" ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
.\" I BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
.\" ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
.\" WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
.\" ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
.\" SOFTWARE.
```

1.2.253 MIT-style (253)

```
.\" Permission to use, copy, modify, and distribute this software and its
.\" documentation for any purpose and without fee is hereby granted,
.\" provided that the above copyright notice appear in all copies and that
.\" both that copyright notice and this permission notice appear in
.\" supporting documentation, and that the name of CMU not be
.\" used in advertising or publicity pertaining to distribution of the
.\" software without specific, written prior permission.
.\"
.\" CMU DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
.\" ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
.\" CMU BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
.\" ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
.\" WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
```

```
.\" ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
.\" SOFTWARE.
```

1.2.254 MIT-style (254)

```
# Permission is hereby granted, free of charge, to any person obtaining a copy
# of this software and associated documentation files (the "Software"), to
# deal in the Software without restriction, including without limitation the
# rights to use, copy, modify, merge, publish, distribute, sublicense, and/or
# sell copies of the Software, and to permit persons to whom the Software is
# furnished to do so, subject to the following conditions:
#
# The above copyright notice and this permission notice shall be included in
# all copies or substantial portions of the Software.
#
# THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
# IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
# FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.  IN NO EVENT SHALL THE
# X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
# AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNEC-
# TION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
#
# Except as contained in this notice, the name of the X Consortium shall not
# be used in advertising or otherwise to promote the sale, use or other deal-
# ings in this Software without prior written authorization from the X  # Consor-
# tium.
```

1.2.255 MIT-style (255)

```
* Permission to use, copy, modify, and distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND INTERNET SOFTWARE CONSORTIUM DISCLAIMS
* ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL INTERNET SOFTWARE
* CONSORTIUM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL
* DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR
* PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS
* ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
* SOFTWARE.
```

1.2.256 MIT-style (256)

```
* Permission to use, copy, modify and distribute this software and its
* documentation for any purpose and without fee is hereby granted,
* provided that the above copyright notice appear in all copies and that
* both that copyright notice and this permission notice appear in
* supporting documentation.
*
* ALEX ROZIN DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
* ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
* ALEX ROZIN BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
* WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
* ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
* SOFTWARE.
```

1.2.257 MIT-style (257)

```
* Permission to use, copy, modify and distribute this software and its
* documentation for any purpose and without fee is hereby granted,
* provided that the above copyright notice appear in all copies and that
* both that copyright notice and this permission notice appear in
* supporting documentation.
*
* TALI ROZIN DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
```

```
* ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
* ALEX ROZIN BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
* WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
* ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
* SOFTWARE.
```

1.2.258 MIT-style (258)

```
This document and translations of it may be copied and furnished to
others, and derivative works that comment on or otherwise explain it
or assist in its implementation may be prepared, copied, published
and distributed, in whole or in part, without restriction of any
kind, provided that the above copyright notice and this paragraph are
included on all such copies and derivative works.  However, this
document itself may not be modified in any way, such as by removing
the copyright notice or references to the Internet Society or other
Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for
copyrights defined in the Internet Standards process must be
followed, or as required to translate it into languages other than
English.

The limited permissions granted above are perpetual and will not be
revoked by the Internet Society or its successors or assigns.

This document and the information contained herein is provided on an
"AS IS" basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING
TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING
BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION
HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF
MERCHANTABILITY OR FITNESS FOR A PARTICULAR
```

1.2.259 BSD-style (259)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that: (1) source code distributions
* retain the above copyright notice and this paragraph in its entirety, (2)
* distributions including binary code include the above copyright notice and
* this paragraph in its entirety in the documentation or other materials
* provided with the distribution, and (3) all advertising materials mentioning
* features or use of this software display the following acknowledgement:
* ``This product includes software developed by the University of California,
* Lawrence Berkeley Laboratory and its contributors.'' Neither the name of
* the University nor the names of its contributors may be used to endorse
* or promote products derived from this software without specific prior
* written permission.
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED
* WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.260 FSF (260)

```
This file is free software; the Free Software Foundation gives unlimited permission to
copy and/or distribute it, with or without modifications, as long as this notice is
preserved.
```

1.2.261 FSF (261)

```
This configure script is free software; the Free Software Foundation
gives unlimited permission to copy, distribute and modify it.
```

1.2.262 FSF (262)

```
Copyright (C) 2003, 2006-2007 Free Software Foundation, Inc.
This file is free software; the Free Software Foundation
gives unlimited permission to copy and/or distribute it,
```

with or without modifications, as long as this notice is preserved.

1.2.263 OpenSSL (263)

```
Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in
*    the documentation and/or other materials provided with the
*    distribution.
*
* 3. All advertising materials mentioning features or use of this
*    software must display the following acknowledgment:
*    "This product includes software developed by the OpenSSL Project
*    for use in the OpenSSL Toolkit. (http://www.OpenSSL.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
*    endorse or promote products derived from this software without
*    prior written permission. For written permission, please contact
*    licensing@OpenSSL.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
*    nor may "OpenSSL" appear in their names without prior written
*    permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
*    acknowledgment:
*    "This product includes software developed by the OpenSSL Project
*    for use in the OpenSSL Toolkit (http://www.OpenSSL.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.264 OpenSSL (264)

```
LICENSE ISSUES
==============

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of
the OpenSSL License and the original SSLeay license apply to the toolkit.
See below for the actual license texts. Actually both licenses are BSD-style
Open Source licenses. In case of any license issues related to OpenSSL
please contact openssl-core@openssl.org.

OpenSSL License
---------------

/* ====================================================================
* Copyright (c) 1998-2008 The OpenSSL Project.  All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
```

```
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in
*    the documentation and/or other materials provided with the
*    distribution.
*
* 3. All advertising materials mentioning features or use of this
*    software must display the following acknowledgment:
*    "This product includes software developed by the OpenSSL Project
*    for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
*    endorse or promote products derived from this software without
*    prior written permission. For written permission, please contact
*    openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
*    nor may "OpenSSL" appear in their names without prior written
*    permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
*    acknowledgment:
*    "This product includes software developed by the OpenSSL Project
*    for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* ====================================================================
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com).  This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/

Original SSLeay License
-----------------------

/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to.  The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code.  The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
```

```
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this software
*    must display the following acknowledgement:
*    "This product includes cryptographic software written by
*     Eric Young (eay@cryptsoft.com)"
*    The word 'cryptographic' can be left out if the rouines from the library
*    being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof) from
*    the apps directory (application code) you must include an acknowledgement:
*    "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version or
* derivative of this code cannot be changed.  i.e. this code cannot simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
```

1.2.265 OpenSSL (265)

```
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to.  The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code.  The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
```

```
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this software
*    must display the following acknowledgement:
*    "This product includes cryptographic software written by
*     Eric Young (eay@cryptsoft.com)"
*    The word 'cryptographic' can be left out if the rouines from the library
*    being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof) from
*    the apps directory (application code) you must include an acknowledgement:
*    "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version or
* derivative of this code cannot be changed.  i.e. this code cannot simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
```

1.2.266 OpenSSL (266)

```
* Rights for redistribution and usage in source and binary
* forms are granted according to the OpenSSL license.
```

1.2.267 APSL-1.1 (267)

```
APPLE PUBLIC SOURCE LICENSE
Version 1.1 - April 19, 1999

Please read this License carefully before downloading this software.
By downloading and using this software, you are agreeing to be bound by
the terms of this License. If you do not or cannot agree to the terms
of this License, please do not download or use the software.

1. General; Definitions. This License applies to any program or other
work which Apple Computer, Inc. ("Apple") publicly announces as
subject to this Apple Public Source License and which contains a
notice placed by Apple identifying such program or work as "Original
Code" and stating that it is subject to the terms of this Apple Public
Source License version 1.1 (or subsequent version thereof), as it may
be revised from time to time by Apple ("License"). As used in this
License:

1.1 "Affected Original Code" means only those specific portions of
Original Code that allegedly infringe upon any party's intellectual
property rights or are otherwise the subject of a claim of
infringement.

1.2 "Applicable Patent Rights" mean: (a) in the case where Apple is
the grantor of rights, (i) claims of patents that are now or hereafter
acquired, owned by or assigned to Apple and (ii) that cover subject
matter contained in the Original Code, but only to the extent
necessary to use, reproduce and/or distribute the Original Code
without infringement; and (b) in the case where You are the grantor of
rights, (i) claims of patents that are now or hereafter acquired,
owned by or assigned to You and (ii) that cover subject matter in Your
Modifications, taken alone or in combination with Original Code.
```

1.3 "Covered Code" means the Original Code, Modifications, the combination of Original Code and any Modifications, and/or any respective portions thereof.

1.4 "Deploy" means to use, sublicense or distribute Covered Code other than for Your internal research and development (R&D), and includes without limitation, any and all internal use or distribution of Covered Code within Your business or organization except for R&D use, as well as direct or indirect sublicensing or distribution of Covered Code by You to any third party in any form or manner.

1.5 "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.6 "Modifications" mean any addition to, deletion from, and/or change to, the substance and/or structure of Covered Code. When code is released as a series of files, a Modification is: (a) any addition to or deletion from the contents of a file containing Covered Code; and/or (b) any new file or other representation of computer program statements that contains any part of Covered Code.

1.7 "Original Code" means (a) the Source Code of a program or other work as originally made available by Apple under this License, including the Source Code of any updates or upgrades to such programs or works made available by Apple under this License, and that has been expressly identified by Apple as such in the header file(s) of such work; and (b) the object code compiled from such Source Code and originally made available by Apple under this License.

1.8 "Source Code" means the human readable form of a program or other work that is suitable for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an executable (object code).

1.9 "You" or "Your" means an individual or a legal entity exercising rights under this License. For legal entities, "You" or "Your" includes any entity which controls, is controlled by, or is under common control with, You, where "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of fifty percent (50%) or more of the outstanding shares or beneficial ownership of such entity.

2. Permitted Uses; Conditions & Restrictions. Subject to the terms and conditions of this License, Apple hereby grants You, effective on the date You accept this License and download the Original Code, a world-wide, royalty-free, non-exclusive license, to the extent of Apple's Applicable Patent Rights and copyrights covering the Original Code, to do the following:

2.1 You may use, copy, modify and distribute Original Code, with or without Modifications, solely for Your internal research and development, provided that You must in each instance:

(a) retain and reproduce in all copies of Original Code the copyright and other proprietary notices and disclaimers of Apple as they appear in the Original Code, and keep intact all notices in the Original Code that refer to this License;

(b) include a copy of this License with every copy of Source Code of Covered Code and documentation You distribute, and You may not offer or impose any terms on such Source Code that alter or restrict this License or the recipients' rights hereunder, except as permitted under

Section 6; and

(c) completely and accurately document all Modifications that you have made and the date of each such Modification, designate the version of the Original Code you used, prominently include a file carrying such information with the Modifications, and duplicate the notice in Exhibit A in each file of the Source Code of all such Modifications.

2.2 You may Deploy Covered Code, provided that You must in each instance:

(a) satisfy all the conditions of Section 2.1 with respect to the Source Code of the Covered Code;

(b) make all Your Deployed Modifications publicly available in Source Code form via electronic distribution (e.g. download from a web site) under the terms of this License and subject to the license grants set forth in Section 3 below, and any additional terms You may choose to offer under Section 6. You must continue to make the Source Code of Your Deployed Modifications available for as long as you Deploy the Covered Code or twelve (12) months from the date of initial Deployment, whichever is longer;

(c) if You Deploy Covered Code containing Modifications made by You, inform others of how to obtain those Modifications by filling out and submitting the information found at http://www.apple.com/publicsource/modifications.html, if available; and

(d) if You Deploy Covered Code in object code, executable form only, include a prominent notice, in the code itself as well as in related documentation, stating that Source Code of the Covered Code is available under the terms of this License with information on how and where to obtain such Source Code.

3. Your Grants. In consideration of, and as a condition to, the licenses granted to You under this License:

(a) You hereby grant to Apple and all third parties a non-exclusive, royalty-free license, under Your Applicable Patent Rights and other intellectual property rights owned or controlled by You, to use, reproduce, modify, distribute and Deploy Your Modifications of the same scope and extent as Apple's licenses under Sections 2.1 and 2.2; and

(b) You hereby grant to Apple and its subsidiaries a non-exclusive, worldwide, royalty-free, perpetual and irrevocable license, under Your Applicable Patent Rights and other intellectual property rights owned or controlled by You, to use, reproduce, execute, compile, display, perform, modify or have modified (for Apple and/or its subsidiaries), sublicense and distribute Your Modifications, in any form, through multiple tiers of distribution.

4. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In each such instance, You must make sure the requirements of this License are fulfilled for the Covered Code or any portion thereof.

5. Limitations on Patent License. Except as expressly stated in Section 2, no other patent rights, express or implied, are granted by Apple herein. Modifications and/or Larger Works may require additional patent licenses from Apple which Apple may grant in its sole discretion.

6. Additional Terms. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations and/or other rights consistent with the scope of the license granted herein ("Additional Terms") to one or more recipients of Covered Code. However, You may do so only on Your own behalf and as Your sole responsibility, and not on behalf of Apple. You must obtain the recipient's agreement that any such Additional Terms are offered by You alone, and You hereby agree to indemnify, defend and hold Apple harmless for any liability incurred by or claims asserted against Apple by reason of any such Additional Terms.

7. Versions of the License. Apple may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Once Original Code has been published under a particular version of this License, You may continue to use it under the terms of that version. You may also choose to use such Original Code under the terms of any subsequent version of this License published by Apple. No one other than Apple has the right to modify the terms applicable to Covered Code created under this License.

8. NO WARRANTY OR SUPPORT. The Original Code may contain in whole or in part pre-release, untested, or not fully tested works. The Original Code may contain errors that could cause failures or loss of data, and may be incomplete or contain inaccuracies. You expressly acknowledge and agree that use of the Original Code, or any portion thereof, is at Your sole and entire risk. THE ORIGINAL CODE IS PROVIDED "AS IS" AND WITHOUT WARRANTY, UPGRADES OR SUPPORT OF ANY KIND AND APPLE AND APPLE'S LICENSOR(S) (FOR THE PURPOSES OF SECTIONS 8 AND 9, APPLE AND APPLE'S LICENSOR(S) ARE COLLECTIVELY REFERRED TO AS "APPLE") EXPRESSLY DISCLAIM ALL WARRANTIES AND/OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY OR SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. APPLE DOES NOT WARRANT THAT THE FUNCTIONS CONTAINED IN THE ORIGINAL CODE WILL MEET YOUR REQUIREMENTS, OR THAT THE OPERATION OF THE ORIGINAL CODE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE ORIGINAL CODE WILL BE CORRECTED. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY APPLE OR AN APPLE AUTHORIZED REPRESENTATIVE SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY. You acknowledge that the Original Code is not intended for use in the operation of nuclear facilities, aircraft navigation, communication systems, or air traffic control machines in which case the failure of the Original Code could lead to death, personal injury, or severe physical or environmental damage.

9. Liability.

9.1 Infringement. If any portion of, or functionality implemented by, the Original Code becomes the subject of a claim of infringement, Apple may, at its option: (a) attempt to procure the rights necessary for Apple and You to continue using the Affected Original Code; (b) modify the Affected Original Code so that it is no longer infringing; or (c) suspend Your rights to use, reproduce, modify, sublicense and distribute the Affected Original Code until a final determination of the claim is made by a court or governmental administrative agency of competent jurisdiction and Apple lifts the suspension as set forth below. Such suspension of rights will be effective immediately upon Apple's posting of a notice to such effect on the Apple web site that is used for implementation of this License. Upon such final determination being made, if Apple is legally able, without the payment of a fee or royalty, to resume use, reproduction, modification, sublicensing and distribution of the Affected Original Code, Apple will lift the suspension of rights to the Affected Original Code by posting a notice to such effect on the Apple web site that is used for implementation of this License. If Apple suspends Your rights to Affected Original Code, nothing in this License shall

be construed to restrict You, at Your option and subject to applicable law, from replacing the Affected Original Code with non-infringing code or independently negotiating for necessary rights from such third party.

9.2 LIMITATION OF LIABILITY. UNDER NO CIRCUMSTANCES SHALL APPLE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATING TO THIS LICENSE OR YOUR USE OR INABILITY TO USE THE ORIGINAL CODE, OR ANY PORTION THEREOF, WHETHER UNDER A THEORY OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), PRODUCTS LIABILITY OR OTHERWISE, EVEN IF APPLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY. In no event shall Apple's total liability to You for all damages under this License exceed the amount of fifty dollars ($50.00).

10. Trademarks. This License does not grant any rights to use the trademarks or trade names "Apple", "Apple Computer", "Mac OS X", "Mac OS X Server" or any other trademarks or trade names belonging to Apple (collectively "Apple Marks") and no Apple Marks may be used to endorse or promote products derived from the Original Code other than as permitted by and in strict compliance at all times with Apple's third party trademark usage guidelines which are posted at http://www.apple.com/legal/guidelinesfor3rdparties.html.

11. Ownership. Apple retains all rights, title and interest in and to the Original Code and any Modifications made by or on behalf of Apple ("Apple Modifications"), and such Apple Modifications will not be automatically subject to this License. Apple may, at its sole discretion, choose to license such Apple Modifications under this License, or on different terms from those contained in this License or may choose not to license them at all. Apple's development, use, reproduction, modification, sublicensing and distribution of Covered Code will not be subject to this License.

12. Termination.

12.1 Termination. This License and the rights granted hereunder will terminate:

(a) automatically without notice from Apple if You fail to comply with any term(s) of this License and fail to cure such breach within 30 days of becoming aware of such breach; (b) immediately in the event of the circumstances described in Section 13.5(b); or (c) automatically without notice from Apple if You, at any time during the term of this License, commence an action for patent infringement against Apple.

12.2 Effect of Termination. Upon termination, You agree to immediately stop any further use, reproduction, modification, sublicensing and distribution of the Covered Code and to destroy all copies of the Covered Code that are in your possession or control. All sublicenses to the Covered Code which have been properly granted prior to termination shall survive any termination of this License. Provisions which, by their nature, should remain in effect beyond the termination of this License shall survive, including but not limited to Sections 3, 5, 8, 9, 10, 11, 12.2 and 13. Neither party will be liable to the other for compensation, indemnity or damages of any sort solely as a result of terminating this License in accordance with its terms, and termination of this License will be without prejudice to any other right or remedy of either party.

13. Miscellaneous.

13.1 Government End Users. The Covered Code is a "commercial item" as defined in FAR 2.101. Government software and technical data rights in the Covered Code include only those rights customarily provided to

the public as defined in this License. This customary commercial license in technical data and software is provided in accordance with FAR 12.211 (Technical Data) and 12.212 (Computer Software) and, for Department of Defense purchases, DFAR 252.227-7015 (Technical Data -- Commercial Items) and 227.7202-3 (Rights in Commercial Computer Software or Computer Software Documentation). Accordingly, all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

13.2 Relationship of Parties. This License will not be construed as creating an agency, partnership, joint venture or any other form of legal association between You and Apple, and You will not represent to the contrary, whether expressly, by implication, appearance or otherwise.

13.3 Independent Development. Nothing in this License will impair Apple's right to acquire, license, develop, have others develop for it, market and/or distribute technology or products that perform the same or similar functions as, or otherwise compete with, Modifications, Larger Works, technology or products that You may develop, produce, market or distribute.

13.4 Waiver; Construction. Failure by Apple to enforce any provision of this License will not be deemed a waiver of future enforcement of that or any other provision. Any law or regulation which provides that the language of a contract shall be construed against the drafter will not apply to this License.

13.5 Severability. (a) If for any reason a court of competent jurisdiction finds any provision of this License, or portion thereof, to be unenforceable, that provision of the License will be enforced to the maximum extent permissible so as to effect the economic benefits and intent of the parties, and the remainder of this License will continue in full force and effect. (b) Notwithstanding the foregoing, if applicable law prohibits or restricts You from fully and/or specifically complying with Sections 2 and/or 3 or prevents the enforceability of either of those Sections, this License will immediately terminate and You must immediately discontinue any use of the Covered Code and destroy all copies of it that are in your possession or control.

13.6 Dispute Resolution. Any litigation or other dispute resolution between You and Apple relating to this License shall take place in the Northern District of California, and You and Apple hereby consent to the personal jurisdiction of, and venue in, the state and federal courts within that District with respect to this License. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded.

13.7 Entire Agreement; Governing Law. This License constitutes the entire agreement between the parties with respect to the subject matter hereof. This License shall be governed by the laws of the United States and the State of California, except that body of California law concerning conflicts of law.

Where You are located in the province of Quebec, Canada, the following clause applies: The parties hereby confirm that they have requested that this License and all related documents be drafted in English. Les parties ont exige que le present contrat et tous les documents connexes soient rediges en anglais.

EXHIBIT A.

"Portions Copyright (c) 1999-2000 Apple Computer, Inc. All Rights Reserved. This file contains Original Code and/or Modifications of Original Code as defined in and that are subject to the Apple Public

Source License Version 1.1 (the "License"). You may not use this file
except in compliance with the License. Please obtain a copy of the
License at http://www.apple.com/publicsource and read it before using
this file.

The Original Code and all software distributed under the License are
distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, EITHER
EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES,
INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE OR NON- INFRINGEMENT. Please see the
License for the specific language governing rights and limitations
under the License."

1.2.268 (268)

Copyright

1.2.269 BSD-2-Clause - The Author or Contributors (269)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.2.270 Public Domain (270)

The licensor(s) released this code into the public domain.

1.2.271 MIT-style (271)

Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the name of the author not be
used in advertising or publicity pertaining to distribution of the
software without specific, written prior permission.

THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS; IN NO EVENT SHALL
AUTHOR BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY
DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN
AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.2.272 MIT-style (272)

Permission to use, copy, modify, and distribute this software and
its documentation for any purpose with or without fee is hereby

```
granted, provided that the above copyright notice appears in all
copies and that both the copyright notice and this permission
notice appear in supporting documentation, and that the name
University of Delaware not be used in advertising or publicity
pertaining to distribution of the software without specific,
written prior permission. The University of Delaware makes no
representations about the suitability this software for any
purpose. It is provided "as is" without express or implied
warranty.
```

1.2.273 MIT-style (273)

```
* Permission is hereby granted for unlimited modification, use, and     */
/* distribution.  This software is made available with no warranty of    */
/* any kind, express or implied.  This copyright notice must remain      */
/* intact in all versions of this software.                              */
/*                                                                       */
/* The author would appreciate it if any bug fixes and enhancements were */
/* to be sent back to him for incorporation into future versions of this */
/* software.  Please send changes to tai@iag.hp.com or ken@sdd.hp.com.
```

1.2.274 MIT-style (274)

```
Permission to use, copy, modify, and distribute this software and its
documentation for any purpose with or without fee is hereby granted,
provided that the above copyright notice appears in all copies and that
both the copyright notice and this permission notice appear in
supporting documentation, and that the name The University of Delaware not be used in
advertising or publicity pertaining to distribution of the software
without specific, written prior permission. The University of Delaware and Network
Time Foundation makes no
representations about the suitability this software for any purpose. It
is provided "as is" without express or implied warranty.
```

1.2.275 MIT-style (275)

```
This version of the code is maintained by Holger Weiss <holger@jhweiss.de>.
My changes to the code may freely be used, modified and/or redistributed for
any purpose.  It would be nice if additions and fixes to this file (including
trivial code cleanups) would be sent back in order to let me include them in
the version available at <http://www.jhweiss.de/software/snprintf.html>.
However, this is not a requirement for using or redistributing (possibly
modified) versions of this file, nor is leaving this notice intact mandatory.
```

1.2.276 MIT-style (276)

```
Permission to use, copy, modify, and distribute this software
and its documentation for any purpose is hereby granted
without fee, provided that the following conditions are met:

One retains the entire copyright notice properly, and both the
copyright notice and this license. in the documentation and/or
other materials provided with the distribution.

This software and the name of the author must not be used to
endorse or promote products derived from this software without
prior written permission.

THIS SOFTWARE IS PROVIDED "AS IS" WITHOUT EXPRESSED OR IMPLIED
WARRANTIES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABLILITY AND FITNESS FOR A
PARTICULAR PURPOSE.
IN NO EVENT SHALL THE AUTHOR TAKAO ABE BE LIABLE FOR ANY DIRECT,
INDIRECT, GENERAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
( INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA OR PROFITS; OR BUSINESS
INTERRUPTION ) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
```

```
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT ( INCLUDING
NEGLIGENCE OR OTHERWISE ) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.277 Public-domain (277)

```
* This is a version of the public domain getopt() implementation by
* Henry Spencer, changed for 4.3BSD compatibility (in addition to System V).
* It allows rescanning of an option list by setting optind to 0 before
* calling, which is why we use it even if the system has its own (in fact,
* this one has a unique name so as not to conflict with the system's).
* Thanks to Dennis Ferguson for the appropriate modifications.
*
* This file is in the Public Domain.
```

1.2.278 NTP (278)

```
NTP License (NTP) Copyright (c) (CopyrightHoldersName) (From 4-digit-year)-(To 4-
digit-year)

Permission to use, copy, modify, and distribute this software and its documentation
for any purpose with or without fee is hereby granted, provided that the above
copyright notice appears in all copies and that both the copyright notice and this
permission notice appear in supporting documentation, and that the name
(TrademarkedName) not be used in advertising or publicity pertaining to distribution
of the software without specific, written prior permission. (TrademarkedName) makes no
representations about the suitability this software for any purpose. It is provided
"as is" without express or implied warranty.
```

1.2.279 ISC-style (279)

```
Permission to use, copy, modify, and distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies, and that
the name of Vixie Enterprises not be used in advertising or publicity
pertaining to distribution of the document or software without specific,
written prior permission.

THE SOFTWARE IS PROVIDED "AS IS" AND VIXIE ENTERPRISES DISCLAIMS ALL
WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS.   IN NO EVENT SHALL VIXIE ENTERPRISES
BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES
OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
SOFTWARE.
```

1.2.280 ISC (280)

```
ISC License Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")

Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and /or distribute this software for any purpose with
or without fee is hereby granted, provided that the above copyright notice and this
permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS
SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT
SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY
DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION
OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH
THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

1.2.281 ISC (281)

```
* Permission to use, copy, modify, and/or distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH
* REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY
* AND FITNESS.  IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT,
* INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM
* LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE
* OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
* PERFORMANCE OF THIS SOFTWARE.
```

1.2.282 GPL-3.0+-with-bison-exception (282)

```
GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <https://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other
kinds of works.

The licenses for most software and other practical works are designed to take away
your freedom to share and change the works. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change all versions of a
program--to make sure it remains free software for all its users. We, the Free
Software Foundation, use the GNU General Public License for most of our software; it
applies also to any other work released this way by its authors. You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for them if you wish), that you receive source
code or can get it if you want it, that you can change the software or use pieces of
it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or
asking you to surrender the rights. Therefore, you have certain responsibilities if
you distribute copies of the software, or if you modify it: responsibilities to
respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee,
you must pass on to the recipients the same freedoms that you received. You must make
sure that they, too, receive or can get the source code. And you must show them these
terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert
copyright on the software, and (2) offer you this License giving you legal permission
to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no
warranty for this free software. For both users' and authors' sake, the GPL requires
that modified versions be marked as changed, so that their problems will not be
attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of
the software inside them, although the manufacturer can do so. This is fundamentally
incompatible with the aim of protecting users' freedom to change the software. The
```

systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extent this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.
"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.
The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.
A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of

the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.
All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.
You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.
No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.
When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.
You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.
You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.
You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.
A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.
You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:
a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.
A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of

whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.
"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.
When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.
You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).
However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.
You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.
10. Automatic Licensing of Downstream Recipients.
Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.
An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.
A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".
A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extent the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.
If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that

obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.
13. Use with the GNU Affero General Public License.
Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.
14. Revised Versions of this License.
The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.
THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
16. Limitation of Liability.
IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
17. Interpretation of Sections 15 and 16.
If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <https://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <https://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <https://www.gnu.org/ licenses/why-not-lgpl.html>.

Bison Exception

As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser skeleton itself, you may (at your option) remove this special exception, which will cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of Bison.

1.2.283 Beerware (283)

"THE BEER-WARE LICENSE" (Revision 42):

<phk@FreeBSD.ORG> wrote this file. As long as you retain this notice you can do whatever you want with this stuff. If we meet some day, and you think this stuff is worth it, you can buy me a beer in return Poul-Henning Kamp

1.2.284 BSD-4-Clause (284)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright

```
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
This product includes software developed by the University of
California, Lawrence Berkeley Laboratory.
4. The name of the University may not be used to endorse or promote
products derived from this software without specific prior
written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.285 BSD-4-Clause (285)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this software
*    must display the following acknowledgement:
*      This product includes software developed by the University of
*      California, Berkeley and its contributors.
* 4. Neither the name of the University nor the names of its contributors
*    may be used to endorse or promote products derived from this software
*    without specific prior written permission.
```

1.2.286 BSD-4-Clause (286)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
This product includes software developed by Trimble Navigation, Ltd.
4. The name of Trimble Navigation Ltd. may not be used to endorse or
promote products derived from this software without specific prior
written permission.

THIS SOFTWARE IS PROVIDED BY TRIMBLE NAVIGATION LTD. ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL TRIMBLE NAVIGATION LTD. BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
```

```
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.287 BSD-3-Clause (287)

```
The GNU Lesser General Public License, version 3 or later
##      See the files "COPYING.lgplv3" and "COPYING.gplv3"
##
##   The Modified Berkeley Software Distribution License
```

1.2.288 BSD-3-Clause (288)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 3. Neither the name of the project nor the names of its contributors
*    may be used to endorse or promote products derived from this software
*    without specific prior written permission.
```

1.2.289 BSD-3-Clause (289)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. Neither the name of the author nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.290 BSD-3-Clause (290)

```
AutoOpts is available under any one of two licenses.  The license
#  in use must be one of these two and the choice is under the control
#  of the user of the license.
#
#   The GNU Lesser General Public License, version 3 or later
#      See the files "COPYING.lgplv3" and "COPYING.gplv3"
#
#   The Modified Berkeley Software Distribution License
#      See the file "COPYING.mbsd"
```

1.2.291 BSD-3-Clause (291)

```
AutoOpts is a copyrighted work. This source file is not encumbered
by AutoOpts licensing, but is provided under the licensing terms chosen
```

```
by the ntpdc author or copyright holder. AutoOpts is
licensed under the terms of the LGPL. The redistributable library
(``libopts'') is licensed under the terms of either the LGPL or, at the
users discretion, the BSD license. See the AutoOpts and/or libopts sources
for details.
```

1.2.292 BSD-3-Clause (292)

```
AutoOpts is a copyrighted work. This header file is not encumbered
by AutoOpts licensing, but is provided under the licensing terms chosen
by the ntpd author or copyright holder. AutoOpts is
licensed under the terms of the LGPL. The redistributable library
(``libopts'') is licensed under the terms of either the LGPL or, at the
users discretion, the BSD license. See the AutoOpts and/or libopts sources
for details.
```

1.2.293 BSD-3-Clause (293)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 4. The name of the author may not be used to endorse or promote products
*    derived from this software without specific prior written permission.
```

1.2.294 BSD-3-Clause (294)

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*    derived from this software without specific prior written permission.
```

1.2.295 BSD-3-Clause (295)

```
*  Redistribution and use in source and binary forms, with or without
*  modification, are permitted provided that the following conditions
*  are met:
*  1. Redistributions of source code must retain the above copyright
*     notice, this list of conditions and the following disclaimer.
*  2. Redistributions in binary form must reproduce the above copyright
*     notice, this list of conditions and the following disclaimer in the
*     documentation and/or other materials provided with the distribution.
*  3. Neither the name ``Bruce Korb'' nor the name of any other
*     contributor may be used to endorse or promote products derived
*     from this software without specific prior written permission.
```

1.2.296 BSD-3-Clause (296)

```
*  AutoOpts is available under any one of two licenses.  The license
*  in use must be one of these two and the choice is under the control
*  of the user of the license.
*
*   The GNU Lesser General Public License, version 3 or later
*      See the files "COPYING.lgplv3" and "COPYING.gplv3"
*
```

1.2.297 BSD-3-Clause (297)

```
AutoOpts is available under any one of two licenses.  The license
##  in use must be one of these two and the choice is under the control
##  of the user of the license.
##
##   The GNU Lesser General Public License, version 3 or later
##      See the files "COPYING.lgplv3" and "COPYING.gplv3"
##
##   The Modified Berkeley Software Distribution License
##      See the file "COPYING.mbsd"
```

1.2.298 BSD-3-Clause (298)

```
AutoOpts is a copyrighted work. This header file is not encumbered
by AutoOpts licensing, but is provided under the licensing terms chosen
by the ntp-keygen author or copyright holder. AutoOpts is
licensed under the terms of the LGPL. The redistributable library
(``libopts'') is licensed under the terms of either the LGPL or, at the
users discretion, the BSD license. See the AutoOpts and/or libopts sources
for details.
```

1.2.299 BSD-2-Clause (299)

```
Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list
of conditions and the following disclaimer in the documentation and/or other materials
provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT
SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
```

1.2.300 BSD-2-Clause (300)

```
* All rights reserved.  The Berkeley software License Agreement
* specifies the terms and conditions for redistribution.
*/
```

1.2.301 BSD (301)

```
Redistribution and use in source and binary forms are permitted
provided that the above copyright notice and this paragraph are
duplicated in all such forms and that any documentation,
advertising materials, and other materials related to such
distribution and use acknowledge that the software was developed
by the University of California, Berkeley.  The name of the
University may not be used to endorse or promote products derived
from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.302 GPL v2.0 (302)

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License version 2 as
published by the Free Software Foundation.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA  02110-1301 USA
```

1.2.303 GPL-2.0-with-Classpath-Exception(Oracle) (303)

```
The GNU General Public License (GPL)

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license
document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share
and change it.  By contrast, the GNU General Public License is intended to
guarantee your freedom to share and change free software--to make sure the
software is free for all its users.  This General Public License applies to
most of the Free Software Foundation's software and to any other program whose
authors commit to using it.  (Some other Free Software Foundation software is
covered by the GNU Library General Public License instead.) You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not price.  Our
General Public Licenses are designed to make sure that you have the freedom to
distribute copies of free software (and charge for this service if you wish),
that you receive source code or can get it if you want it, that you can change
the software or use pieces of it in new free programs; and that you know you
can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny
you these rights or to ask you to surrender the rights.  These restrictions
translate to certain responsibilities for you if you distribute copies of the
software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for
a fee, you must give the recipients all the rights that you have.  You must
make sure that they, too, receive or can get the source code.  And you must
show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2)
offer you this license which gives you legal permission to copy, distribute
and/or modify the software.

Also, for each author's protection and ours, we want to make certain that
everyone understands that there is no warranty for this free software.  If the
software is modified by someone else and passed on, we want its recipients to
know that what they have is not the original, so that any problems introduced
by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents.  We
wish to avoid the danger that redistributors of a free program will
```

individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire

whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions.

You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE

PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General Public
License instead of this License.

"CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are
subject to the following clarification and special exception to the GPL, but
only where Oracle has expressly included in the particular source file's header
the words "Oracle designates this particular file as subject to the "Classpath"
exception as provided by Oracle in the LICENSE file that accompanied this code."

Linking this library statically or dynamically with other modules is making
a combined work based on this library. Thus, the terms and conditions of
the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent modules,
and to copy and distribute the resulting executable under terms of your
choice, provided that you also meet, for each linked independent module,
the terms and conditions of the license of that module. An independent
module is a module which is not derived from or based on this library. If
you modify this library, you may extent this exception to your version of
the library, but you are not obligated to do so. If you do not wish to do
so, delete this exception statement from your version.

1.2.304 OpenJDK Trademark Notice (304)

OpenJDK Trademark Notice
Version 1.1, 2008/3/10

OpenJDK (the "Name") is a trademark of Sun Microsystems, Inc. (the "Owner").
Owner permits any person obtaining a copy of this software (the "Software")
which is based on original software retrieved from one of the following
websites: http://download.java.net/openjdk, http://hg.openjdk.java.net/jdk6,
or http://openjdk.java.net (each a "Website", with the original software made
available by the Owner on a Website being known as the "Website Software") to
use the Name in package names and version strings of the Software subject to
the following conditions:

- The Software is a substantially complete implementation of the OpenJDK
development kit or runtime environment code made available by Owner on a
Website, and the vast majority of the Software code is identical to the
upstream Website Software;

- No permission is hereby granted to use the Name in any other manner,
unless such use constitutes "fair use."

- The Owner makes no warranties of any kind respecting the Name and all
representations and warranties, including any implied warranty of
merchantability, fitness for a particular purpose or non-infringement
are hereby disclaimed; and

- This notice and the following legend are included in all copies of the Software or portions of it:

OpenJDK is a trademark or registered trademark of Sun Microsystems, Inc. in the United States and other countries.

The Name may also be used in connection with descriptions of the Software that constitute "fair use," such as "derived from the OpenJDK code base" or "based on the OpenJDK source code."

Owner intends to revise this Notice as necessary in order to meet the needs of the OpenJDK Community. Please send questions or comments about this Notice to Sun Microsystems at openjdk-tm@sun.com. Revisions to this Notice will be announced on the public mailing list announce@openjdk.java.net, to which you may subscribe by visiting http://mail.openjdk.java.net. The latest version of this Notice may be found at http://openjdk.java.net/legal.

1.2.305 MIT Like (305)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

1.2.306 MIT Like (306)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice # shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL BRIAN PAUL BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.2.307 BSD-3-Clause(Sun Microsystems, Inc.) (307)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

-Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

-Redistribution in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

Neither the name of Oracle nor the names of contributors may
be used to endorse or promote products derived from this software without
specific prior written permission.

This software is provided "AS IS," without a warranty of any kind. ALL
EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING
ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE
OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MIDROSYSTEMS, INC. ("SUN")
AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE
AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS
DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST
REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL,
INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY
OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE,
EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed, licensed or intended
for use in the design, construction, operation or maintenance of any
nuclear facility.

1.2.308 Unicode, Inc. License Agreement - Data Files and Software (2004) (308)

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories
http://www.unicode.org/Public/, http://www.unicode.org/reports/, and
http://www.unicode.org/cldr/data/. Unicode Data Files do not include PDF online
code charts under the directory http://www.unicode.org/Public/. Software
includes any source code published in the Unicode Standard or under the
directories http://www.unicode.org/Public/, http://www.unicode.org/reports/,
and http://www.unicode.org/cldr/data/.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING,
INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA
FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO
BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT
AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR
SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2012 Unicode, Inc. All rights reserved. Distributed under the
Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of
the Unicode data files and any associated documentation (the "Data Files") or
Unicode software and any associated documentation (the "Software") to deal in
the Data Files or Software without restriction, including without limitation
the rights to use, copy, modify, merge, publish, distribute, and/or sell copies
of the Data Files or Software, and to permit persons to whom the Data Files or
Software are furnished to do so, provided that (a) the above copyright notice(s)
and this permission notice appear with all copies of the Data Files or
Software, (b) both the above copyright notice(s) and this permission notice
appear in associated documentation, and (c) there is clear notice in each
modified Data File or in the Software as well as in the documentation
associated with the Data File(s) or Software that the data or software has been
modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

1.2.309 OpenJDK-assembly-exception-1.0 (309)

OpenJDK Assembly Exception The OpenJDK source code made available by Oracle America, Inc. (Oracle) at openjdk.java.net ("OpenJDK Code") is distributed under the terms of the GNU General Public License <http://www.gnu.org/copyleft/gpl.html> version 2 only ("GPL2"), with the following clarification and special exception.

Linking this OpenJDK Code statically or dynamically with other code is making a combined work based on this library. Thus, the terms and conditions of GPL2 cover the whole combination.

As a special exception, Oracle gives you permission to link this OpenJDK Code with certain code licensed by Oracle as indicated at http://openjdk.java.net/legal/exception-modules-2007-05-08.html ("Designated Exception Modules") to produce an executable, regardless of the license terms of the Designated Exception Modules, and to copy and distribute the resulting executable under GPL2, provided that the Designated Exception Modules continue to be governed by the licenses under which they were offered by Oracle. As such, it allows licensees and sublicensees of Oracle's GPL2 OpenJDK Code to build an executable that includes those portions of necessary code that Oracle could not provide under GPL2 (or that Oracle has provided under GPL2 with the Classpath exception). If you modify or add to the OpenJDK code, that new GPL2 code may still be combined with Designated Exception Modules if the new code is made subject to this exception by its copyright holder.

1.2.310 Permission Notice (FundsXpress, INC.) (310)

Export of this software from the United States of America may require a specific license from the United States Government. It is the responsibility of any person or organization contemplating export to obtain such a license before exporting.

WITHIN THAT CONSTRAINT, permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of FundsXpress. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. FundsXpress makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.2.311 THIRDPARTYLICENSEREADME. (311)

DO NOT TRANSLATE OR LOCALIZE.

%% This notice is provided with respect to ASM Bytecode Manipulation
Framework v5.0.3, which may be included with JRE 8, and JDK 8, and
OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2000-2011 France T??l??com
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holders nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to BSDiff v4.3, which may be
included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright 2003-2005 Colin Percival
All rights reserved

Redistribution and use in source and binary forms, with or without
modification, are permitted providing that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to CodeViewer 1.0, which may be
included with JDK 8.

--- begin of LICENSE ---

Copyright 1999 by CoolServlets.com.

Any errors or suggested improvements to this class can be reported as
instructed on CoolServlets.com. We hope you enjoy this program... your
comments will encourage further development! This software is distributed
under the terms of the BSD License. Redistribution and use in source and
binary forms, with or without modification, are permitted provided that the
following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

Neither name of CoolServlets.com nor the names of its contributors may be
used to endorse or promote products derived from this software without
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY COOLSERVLETS.COM AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH # DAMAGE."

--- end of LICENSE ---

%% This notice is provided with respect to Cryptix AES 3.2.0, which may be
included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Cryptix General License

Copyright (c) 1995-2005 The Cryptix Foundation Limited.
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the copyright notice,
this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

THIS SOFTWARE IS PROVIDED BY THE CRYPTIX FOUNDATION LIMITED AND
CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE CRYPTIX FOUNDATION LIMITED OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to CUP Parser Generator for
Java 0.10k, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian

Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted, provided
that the above copyright notice appear in all copies and that both the
copyright notice and this permission notice and warranty disclaimer appear in
supporting documentation, and that the names of the authors or their
employers not be used in advertising or publicity pertaining to distribution of
the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to
this software, including all implied warranties of merchantability and fitness.
In no event shall the authors or their employers be liable for any special,
indirect or consequential damages or any damages whatsoever resulting from
loss of use, data or profits, whether in an action of contract, negligence or
other tortious action, arising out of or in connection with the use or
performance of this software.

--- end of LICENSE ---

%% This notice is provided with respect to Document Object Model (DOM) Level 2
& 3, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

W3C SOFTWARE NOTICE AND LICENSE

http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231

This work (and included software, documentation such as READMEs, or other
related items) is being provided by the copyright holders under the following
license. By obtaining, using and/or copying this work, you (the licensee)

agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:

1.The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

2.Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.

3.Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS,COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION. The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

_____

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org.

--- end of LICENSE ---

%% This notice is provided with respect to Dynalink v0.5, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2009-2013, Attila Szegedi

All rights reserved.Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. * Redistributions in binary form must reproduce the above copyright notice, this list of

conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. * Neither the name of Attila Szegedi nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THEPOSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to Elliptic Curve Cryptography, which may be included with JRE 8, JDK 8, and OpenJDK 8.

You are receiving a copy of the Elliptic Curve Cryptography library in source form with the JDK 8 and OpenJDK 8 source distributions, and as object code in the JRE 8 & JDK 8 runtimes.

In the case of the JRE & JDK runtimes, the terms of the Oracle license do NOT apply to the Elliptic Curve Cryptography library; it is licensed under the following license, separately from Oracle's JDK & JRE. If you do not wish to install the Elliptic Curve Cryptography library, you may delete the Elliptic Curve Cryptography library:
- On Solaris and Linux systems: delete $(JAVA_HOME)/lib/libsunec.so
- On Windows systems: delete $(JAVA_HOME)\bin\sunec.dll
- On Mac systems, delete:
for JRE: /Library/Internet\ Plug-Ins/JavaAppletPlugin.plugin/Contents/Home/lib/libsunec.dylib
for JDK: $(JAVA_HOME)/jre/lib/libsunec.dylib

Written Offer for ECC Source Code
For third party technology that you receive from Oracle in binary form which is licensed under an open source license that gives you the right to receive the source code for that binary, you can obtain a copy of the applicable source code from this page:
http://hg.openjdk.java.net/jdk8u/jdk8u/jdk/file/tip/src/share/native/sun/security/ec/impl

If the source code for the technology was not provided to you with the binary, you can also receive a copy of the source code on physical media by submitting a written request to:

Oracle America, Inc.
Attn: Associate General Counsel,
Development and Engineering Legal
500 Oracle Parkway, 10th Floor
Redwood Shores, CA 94065

Or, you may send an email to Oracle using the form at:
http://www.oracle.com/goto/opensourcecode/request

Your request should include:
- The name of the component or binary file(s) for which you are requesting the source code
- The name and version number of the Oracle product containing the binary
- The date you received the Oracle product

- Your name
- Your company name (if applicable)
- Your return mailing address and email and
- A telephone number in the event we need to reach you.

We may charge you a fee to cover the cost of physical media and processing.
Your request must be sent (i) within three (3) years of the date you
received the Oracle product that included the component or binary
file(s) that are the subject of your request, or (ii) in the case of
code licensed under the GPL v3, for as long as Oracle offers spare
parts or customer support for that product model.

--- begin of LICENSE ---

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.

Finally, software patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain
special circumstances.

For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it becomes
a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library to free
software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.

Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other
program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
and installation of the library.

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

You may charge a fee for the physical act of transferring a copy,
and you may at your option offer warranty protection in exchange for a
fee.

2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the

library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

b) Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.

11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you

may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply,
and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system which is
implemented by public license practices. Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.

This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Library under this License may add
an explicit geographical distribution limitation excluding those countries,
so that distribution is permitted only in or among countries not thus
excluded. In such case, this License incorporates the limitation as if
written in the body of this License.

13. The Free Software Foundation may publish revised and/or new
versions of the Lesser General Public License from time to time.
Such new versions will be similar in spirit to the present version,
but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library
specifies a version number of this License which applies to it and
"any later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a
license version number, you may choose any version ever published by
the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free
programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

--- end of LICENSE ---

%% This notice is provided with respect to ECMAScript Language
Specification ECMA-262 Edition 5.1 which may be included with
JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright notice
Copyright ?? 2011 Ecma International
Ecma International
Rue du Rhone 114
CH-1204 Geneva
Tel: +41 22 849 6000
Fax: +41 22 849 6001
Web: http://www.ecma-international.org

This document and possible translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published, and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice and this section are included on all such copies and derivative works. However, this document itself may not be modified in any way, including by removing the copyright notice or references to Ecma International, except as needed for the purpose of developing any document or deliverable produced by Ecma International (in which case the rules applied to copyrights must be followed) or as required to translate it into languages other than English. The limited permissions granted above are perpetual and will not be revoked by Ecma International or its successors or assigns. This document and the information contained herein is provided on an "AS IS" basis and ECMA INTERNATIONAL DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR # PURPOSE." Software License

All Software contained in this document ("Software)" is protected by copyright and is being made available under the "BSD License", included below. This Software may be subject to third party rights (rights from parties other than Ecma International), including patent rights, and no licenses under such third party rights are granted under this license even if the third party concerned is a member of Ecma International. SEE THE ECMA CODE OF CONDUCT IN PATENT MATTERS AVAILABLE AT http://www.ecma-international.org/memento/codeofconduct.htm FOR INFORMATION REGARDING THE LICENSING OF PATENT CLAIMS THAT ARE REQUIRED TO IMPLEMENT ECMA INTERNATIONAL STANDARDS*. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the authors nor Ecma International may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE ECMA INTERNATIONAL "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ECMA INTERNATIONAL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
--- end of LICENSE ---

%% This notice is provided with respect to FontConfig 2.5, which may be

included with JRE 8, JDK 8, and OpenJDK 8 source distributions on
Linux and Solaris.

--- begin of LICENSE ---

Copyright ?? 2001,2003 Keith Packard

Permission to use, copy, modify, distribute, and sell this software and its
documentation for any purpose is hereby granted without fee, provided that the
above copyright notice appear in all copies and that both that copyright
notice and this permission notice appear in supporting documentation, and that
the name of Keith Packard not be used in advertising or publicity pertaining
to distribution of the software without specific, written prior permission.
Keith Packard makes no representations about the suitability of this software
for any purpose. It is provided "as is" without express or implied warranty.

KEITH PACKARD DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL KEITH
PACKARD BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY
DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to freebXML Registry 3.0 & 3.1,
which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

freebxml: Copyright (c) 2001 freebxml.org. All rights reserved.

The names "The freebXML Registry Project" and "freebxml Software
Foundation" must not be used to endorse or promote products derived
from this software or be used in a product name without prior
written permission. For written permission, please contact
ebxmlrr-team@lists.sourceforge.net.

This software consists of voluntary contributions made by many individuals
on behalf of the the freebxml Software Foundation. For more information on
the freebxml Software Foundation, please see <http://www.freebxml.org/>.

This product includes software developed by the Apache Software Foundation
(http://www.apache.org/).

The freebxml License, Version 1.1 5
Copyright (c) 2001 freebxml.org. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

3. The end-user documentation included with the redistribution, if

any, must include the following acknowlegement:
"This product includes software developed by
freebxml.org (http://www.freebxml.org/)."
Alternately, this acknowlegement may appear in the software itself,
if and wherever such third-party acknowlegements normally appear.

4. The names "The freebXML Registry Project", "freebxml Software
Foundation" must not be used to endorse or promote products derived
from this software without prior written permission. For written
permission, please contact ebxmlrr-team@lists.sourceforge.net.

5. Products derived from this software may not be called "freebxml",
"freebXML Registry" nor may freebxml" appear in their names without
prior written permission of the freebxml Group.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE freebxml SOFTWARE FOUNDATION OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to IAIK PKCS#11 Wrapper,
which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

IAIK PKCS#11 Wrapper License

Copyright (c) 2002 Graz University of Technology. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must
include the following acknowledgment:

"This product includes software developed by IAIK of Graz University of
Technology."

Alternately, this acknowledgment may appear in the software itself, if and
wherever such third-party acknowledgments normally appear.

4. The names "Graz University of Technology" and "IAIK of Graz University of
Technology" must not be used to endorse or promote products derived from this
software without prior written permission.

5. Products derived from this software may not be called "IAIK PKCS Wrapper",
nor may "IAIK" appear in their name, without prior written permission of
Graz University of Technology.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
LICENSOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,
OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to ICU4C 4.0.1 and ICU4J 4.4, which
may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 1995-2010 International Business Machines Corporation and others

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, and/or sell copies of the
Software, and to permit persons to whom the Software is furnished to do so,
provided that the above copyright notice(s) and this permission notice appear
in all copies of the Software and that both the above copyright notice(s) and
this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN
NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE
LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY
DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not
be used in advertising or otherwise to promote the sale, use or other dealings
in this Software without prior written authorization of the copyright holder.
All trademarks and registered trademarks mentioned herein are the property of
their respective owners.

--- end of LICENSE ---

%% This notice is provided with respect to IJG JPEG 6b, which may be
included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

This software is copyright (C) 1991-1998, Thomas G. Lane.
All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this
software (or portions thereof) for any purpose, without fee, subject to these
conditions:
(1) If any part of the source code for this software is distributed, then this
README file must be included, with this copyright and no-warranty notice
unaltered; and any additions, deletions, or changes to the original files
must be clearly indicated in accompanying documentation.
(2) If only executable code is distributed, then the accompanying
documentation must state that "this software is based in part on the work of
the Independent JPEG Group".
(3) Permission for use of this software is granted only if the user accepts
full responsibility for any undesirable consequences; the authors accept
NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code,
not just to the unmodified library. If you use our work, you ought to
acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name
in advertising or publicity relating to this software or products derived from
it. This software may be referred to only as "the Independent JPEG Group's
software".

We specifically permit and encourage the use of this software as the basis of
commercial products, provided that all warranty or liability claims are
assumed by the product vendor.

--- end of LICENSE ---

%% This notice is provided with respect to Jing 20030619, which may
be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2001-2003 Thai Open Source Software Center Ltd All
rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

Neither the name of the Thai Open Source Software Center Ltd nor
the names of its contributors may be used to endorse or promote
products derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT

OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to Joni v1.1.9, which may be
included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to JOpt-Simple v3.0, which may be
included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2004-2009 Paul R. Holser, Jr.

Permission is hereby granted, free of charge, to any person obtaining
a copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including
without limitation the rights to use, copy, modify, merge, publish,
distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to
the following conditions:

The above copyright notice and this permission notice shall be
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE
LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION
OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION
WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to Kerberos functionality, which
which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

(C) Copyright IBM Corp. 1999 All Rights Reserved.
Copyright 1997 The Open Group Research Institute. All rights reserved.

--- end of LICENSE ---

%% This notice is provided with respect to Kerberos functionality from
FundsXpress, INC., which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (C) 1998 by the FundsXpress, INC.

All rights reserved.

Export of this software from the United States of America may require
a specific license from the United States Government. It is the
responsibility of any person or organization contemplating export to
obtain such a license before exporting.

WITHIN THAT CONSTRAINT, permission to use, copy, modify, and
distribute this software and its documentation for any purpose and
without fee is hereby granted, provided that the above copyright
notice appear in all copies and that both that copyright notice and
this permission notice appear in supporting documentation, and that
the name of FundsXpress. not be used in advertising or publicity pertaining
to distribution of the software without specific, written prior
permission. FundsXpress makes no representations about the suitability of
this software for any purpose. It is provided "as is" without express
or implied warranty.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of LICENSE ---

%% This notice is provided with respect to Kronos OpenGL headers, which may be
included with JDK 8 and OpenJDK 8 source distributions.

--- begin of LICENSE ---

Copyright (c) 2007 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and/or associated documentation files (the "Materials"), to
deal in the Materials without restriction, including without limitation the
rights to use, copy, modify, merge, publish, distribute, sublicense, and/or
sell copies of the Materials, and to permit persons to whom the Materials are
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE # MATERIALS.

--- end of LICENSE ---

%% Portions Copyright Eastman Kodak Company 1991-2003

%% This notice is provided with respect to libpng 1.6.16, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

This copy of the libpng notices is provided for your convenience. In case of any discrepancy between this copy and the notices in the file png.h that is included in the libpng distribution, the latter shall prevail.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:

If you modify libpng you may insert additional notices immediately following this sentence.

This code is released under the libpng license.

libpng versions 1.2.6, August 15, 2004, through 1.6.16, December 22, 2014, are Copyright (c) 2004, 2006-2014 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-1.2.5 with the following individual added to the list of Contributing Authors

Cosmin Truta

libpng versions 1.0.7, July 1, 2000, through 1.2.5 - October 3, 2002, are Copyright (c) 2000-2002 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors

Simon-Pierre Cadieux
Eric S. Raymond
Gilles Vollant

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998, 1999 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson

Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are
Copyright (c) 1996, 1997 Andreas Dilger
Distributed according to the same disclaimer and license as libpng-0.88,
with the following individuals added to the list of Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

libpng versions 0.5, May 1995, through 0.88, January 1996, are
Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"
is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors
and Group 42, Inc. disclaim all warranties, expressed or implied,
including, without limitation, the warranties of merchantability and of
fitness for any purpose. The Contributing Authors and Group 42, Inc.
assume no liability for direct, indirect, incidental, special, exemplary,
or consequential damages, which may result from the use of the PNG
Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this
source code, or portions hereof, for any purpose, without fee, subject
to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not
be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any
source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without
fee, and encourage the use of this source code as a component to
supporting the PNG file format in commercial products. If you use this
source code in a product, acknowledgment is not required but would be
appreciated.

A "png_get_copyright" function is available, for convenient use in "about"
boxes and the like:

```
printf("%s",png_get_copyright(NULL));
```

Also, the PNG logo (in PNG format, of course) is supplied in the
files "pngbar.png" and "pngbar.jpg (88x31) and "pngnow.png" (98x31).

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is a
certification mark of the Open Source Initiative.

Glenn Randers-Pehrson
glennrp at users.sourceforge.net
December # 22, 2014

--- end of LICENSE ---

%% This notice is provided with respect to GIFLIB 5.1.1 & libungif 4.1.3,
which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to Little CMS 2.7, which may be
included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Little CMS
Copyright (c) 1998-2015 Marti Maria Saguer

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.

--- end of LICENSE ---

%% Lucida is a registered trademark or trademark of Bigelow & Holmes in the
U.S. and other countries.

%% This notice is provided with respect to Mesa 3D Graphics Library v4.1,
which may be included with JRE 8, JDK 8, and OpenJDK 8 source distributions.

--- begin of LICENSE ---

Mesa 3-D graphics library
Version: 4.1

Copyright (C) 1999-2002 Brian Paul   All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a
copy of this software and associated documentation files (the "Software"),
to deal in the Software without restriction, including without limitation
the rights to use, copy, modify, merge, publish, distribute, sublicense,
and/or sell copies of the Software, and to permit persons to whom the
Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included
in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
BRIAN PAUL BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to Mozilla Network Security
Services (NSS), which is supplied with the JDK test suite in the OpenJDK
source code repository. It is licensed under Mozilla Public License (MPL),
version 2.0.

The NSS libraries are supplied in executable form, built from unmodified
NSS source code labeled with the "NSS_3_16_RTM" HG tag.

The NSS source code is available in the OpenJDK source code repository at:
jdk/test/sun/security/pkcs11/nss/src

The NSS libraries are available in the OpenJDK source code repository at:
jdk/test/sun/security/pkcs11/nss/lib

--- begin of LICENSE ---

Mozilla Public License Version 2.0
==================================

1. Definitions

1.1. "Contributor"
means each individual or legal entity that creates, contributes to

the creation of, or owns Covered Software.

1.2. "Contributor Version"
means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"
means Covered Software of a particular Contributor.

1.4. "Covered Software"
means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses"
means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form"
means any form of the work other than Source Code Form.

1.7. "Larger Work"
means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"
means this document.

1.9. "Licensable"
means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"
means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor
means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"
means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form"
means the form of the work preferred for making modifications.

1.14. "You" (or "Your")
means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this

License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices

(including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

```
************************************************************************
*                                                                      *
*  6. Disclaimer of Warranty                                           *
*  -------------------------                                           *
*                                                                      *
*  Covered Software is provided under this License on an "as is"       *
```

```
*  basis, without warranty of any kind, either expressed, implied, or  *
*  statutory, including, without limitation, warranties that the       *
*  Covered Software is free of defects, merchantable, fit for a        *
*  particular purpose or non-infringing. The entire risk as to the     *
*  quality and performance of the Covered Software is with You.        *
*  Should any Covered Software prove defective in any respect, You     *
*  (not any Contributor) assume the cost of any necessary servicing,   *
*  repair, or correction. This disclaimer of warranty constitutes an   *
*  essential part of this License. No use of any Covered Software is   *
*  authorized under this License except under this disclaimer.         *
*                                                                      *
************************************************************************

************************************************************************
*                                                                      *
*  7. Limitation of Liability                                          *
*  --------------------------                                          *
*                                                                      *
*  Under no circumstances and under no legal theory, whether tort      *
*  (including negligence), contract, or otherwise, shall any           *
*  Contributor, or anyone who distributes Covered Software as          *
*  permitted above, be liable to You for any direct, indirect,         *
*  special, incidental, or consequential damages of any character      *
*  including, without limitation, damages for lost profits, loss of    *
*  goodwill, work stoppage, computer failure or malfunction, or any    *
*  and all other commercial damages or losses, even if such party      *
*  shall have been informed of the possibility of such damages. This   *
*  limitation of liability shall not apply to liability for death or   *
*  personal injury resulting from such party's negligence to the       *
*  extent applicable law prohibits such limitation. Some               *
*  jurisdictions do not allow the exclusion or limitation of           *
*  incidental or consequential damages, so this exclusion and          *
*  limitation may not apply to You.                                    *
*                                                                      *
************************************************************************
```

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version
of the License under which You originally received the Covered Software,
or under the terms of any subsequent version published by the license
steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to
create a new license for such software, you may create and use a
modified version of this License if you rename the license and remove
any references to the name of the license steward (except to note that
such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary
Licenses

If You choose to distribute Source Code Form that is Incompatible With
Secondary Licenses under the terms of this version of the License, the
notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public
License, v. 2.0. If a copy of the MPL was not distributed with this
file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely to look
for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as
defined by the Mozilla Public License, v. 2.0.

--- end of LICENSE ---

%% This notice is provided with respect to PC/SC Lite for Suse Linux v.1.1.1,
which may be included with JRE 8, JDK 8, and OpenJDK 8 on Linux and Solaris.

--- begin of LICENSE ---

Copyright (c) 1999-2004 David Corcoran <corcoran@linuxnet.com>
Copyright (c) 1999-2004 Ludovic Rousseau <ludovic.rousseau (at) free.fr>
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
This product includes software developed by:
David Corcoran <corcoran@linuxnet.com>
http://www.linuxnet.com (MUSCLE)
4. The name of the author may not be used to endorse or promote products
derived from this software without specific prior written permission.

Changes to this license can be made only by the copyright author with
explicit written consent.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to PorterStemmer v4, which may be
included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

See: http://tartarus.org/~martin/PorterStemmer

The software is completely free for any purpose, unless notes at the head of
the program text indicates otherwise (which is rare). In any case, the notes
about licensing are never more restrictive than the BSD License.

In every case where the software is not written by me (Martin Porter), this
licensing arrangement has been endorsed by the contributor, and it is
therefore unnecessary to ask the contributor again to confirm it.

I have not asked any contributors (or their employers, if they have them) for
proofs that they have the right to distribute their software in this way.

--- end of LICENSE ---

%% This notice is provided with respect to Relax NG Object/Parser v.20050510,
which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) Kohsuke Kawaguchi

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions: The above copyright
notice and this permission notice shall be included in all copies or
substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to RelaxNGCC v1.12, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by Daisuke Okajima and Kohsuke Kawaguchi (http://relaxngcc.sf.net/)."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names of the copyright holders must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact the copyright holders.

5. Products derived from this software may not be called "RELAXNGCC", nor may "RELAXNGCC" appear in their name, without prior written permission of the copyright holders.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to Relax NG Datatype 1.0, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2005, 2010 Thai Open Source Software Center Ltd
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

Neither the names of the copyright holders nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to SoftFloat version 2b, which may be
included with JRE 8, JDK 8, and OpenJDK 8 on Linux/ARM.

--- begin of LICENSE ---

Use of any of this software is governed by the terms of the license below:

SoftFloat was written by me, John R. Hauser. This work was made possible in
part by the International Computer Science Institute, located at Suite 600,
1947 Center Street, Berkeley, California 94704. Funding was partially
provided by the National Science Foundation under grant MIP-9311980. The
original version of this code was written as part of a project to build
a fixed-point vector processor in collaboration with the University of
California at Berkeley, overseen by Profs. Nelson Morgan and John Wawrzynek.

THIS SOFTWARE IS DISTRIBUTED AS IS, FOR FREE. Although reasonable effort
has been made to avoid it, THIS SOFTWARE MAY CONTAIN FAULTS THAT WILL AT
TIMES RESULT IN INCORRECT BEHAVIOR. USE OF THIS SOFTWARE IS RESTRICTED TO
PERSONS AND ORGANIZATIONS WHO CAN AND WILL TAKE FULL RESPONSIBILITY FOR ALL
LOSSES, COSTS, OR OTHER PROBLEMS THEY INCUR DUE TO THE SOFTWARE, AND WHO
FURTHERMORE EFFECTIVELY INDEMNIFY JOHN HAUSER AND THE INTERNATIONAL COMPUTER
SCIENCE INSTITUTE (possibly via similar legal warning) AGAINST ALL LOSSES,
COSTS, OR OTHER PROBLEMS INCURRED BY THEIR CUSTOMERS AND CLIENTS DUE TO THE
SOFTWARE.

Derivative works are acceptable, even for commercial purposes, provided

that the minimal documentation requirements stated in the source code are
satisfied.

--- end of LICENSE ---

%% This notice is provided with respect to Sparkle 1.5,
which may be included with JRE 8 on Mac OS X.

--- begin of LICENSE ---

Copyright (c) 2012 Sparkle.org and Andy Matuschak

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.

--- end of LICENSE ---

%% Portions licensed from Taligent, Inc.

%% This notice is provided with respect to Thai Dictionary, which may be
included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (C) 1982 The Royal Institute, Thai Royal Government.

Copyright (C) 1998 National Electronics and Computer Technology Center,
National Science and Technology Development Agency,
Ministry of Science Technology and Environment,
Thai Royal Government.

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to Unicode 6.2.0 & CLDR 21.0.1 which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Unicode Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy. For trademark usage, see the Unicode?? Consortium Name and Trademark Usage Policy.

A. Unicode Copyright.
1. Copyright ?? 1991-2013 Unicode, Inc. All rights reserved.

2. Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode?? Standard, subject to Terms and Conditions herein.

3. Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files solely for informational purposes in the creation of products supporting the Unicode Standard, subject to the Terms and Conditions herein.

4. Further specifications of rights and restrictions pertaining to the use of the particular set of data files known as the "Unicode Character Database" can be found in Exhibit 1.

5. Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page. The online code charts carry specific restrictions. All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

6. No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

7. Modification is not permitted with respect to this document. All copies of this document must be verbatim.

B. Restricted Rights Legend. Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

C. Warranties and Disclaimers.
1. This publication and/or website may include technical or typographical errors or other inaccuracies . Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

2. If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

3. EXCEPT AS PROVIDED IN SECTION C.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

D. Waiver of Damages. In no event shall Unicode or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

E.Trademarks & Logos.
1. The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. ???The Unicode Consortium??? and ???Unicode, Inc.??? are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.???s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names.

2. The Unicode Consortium Name and Trademark Usage Policy (???Trademark Policy???) are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

3. All third party trademarks referenced herein are the property of their respective owners.

Miscellaneous.
1. Jurisdiction and Venue. This server is operated from a location in the State of California, United States of America. Unicode makes no representation that the materials are appropriate for use in other locations. If you access this server from other locations, you are responsible for compliance with local laws. This Agreement, all use of this site and any claims and damages resulting from use of this site are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this site shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum.

2. Modification by Unicode. Unicode shall have the right to modify this Agreement at any time by posting it to this site. The user may not assign any part of this Agreement without Unicode???s prior written consent.

3. Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode???s net income.

4. Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.

5. Entire Agreement. This Agreement constitutes the entire agreement between the parties.

EXHIBIT 1
UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, and http://www.unicode.org/cldr/data/. Unicode Data Files do not include PDF online code charts under the directory http://www.unicode.org/Public/. Software includes any source code published in the Unicode Standard or under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, and http://www.unicode.org/cldr/data/.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright ?? 1991-2012 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

Unicode and the Unicode logo are trademarks of Unicode, Inc. in the United States and other countries. All third party trademarks referenced herein are the property of their respective owners.

--- end of LICENSE ---

%% This notice is provided with respect to UPX v3.01, which may be included
with JRE 8 on Windows.

--- begin of LICENSE ---

Use of any of this software is governed by the terms of the license below:

```
ooooo     ooo ooooooooo.   ooooooo  ooooo
`888'     `8' `888   `Y88.  `8888    d8'
888       8   888   .d88'    Y888..8P
888       8   888ooo88P'      `8888'
888       8   888             .8PY888.
`88.    .8'   888           d8'  `888b
`YbodP'    o888o        o888o  o88888o
```

The Ultimate Packer for eXecutables
Copyright (c) 1996-2000 Markus Oberhumer & Laszlo Molnar
http://wildsau.idv.uni-linz.ac.at/mfx/upx.html
http://www.nexus.hu/upx
http://upx.tsx.org

PLEASE CAREFULLY READ THIS LICENSE AGREEMENT, ESPECIALLY IF YOU PLAN
TO MODIFY THE UPX SOURCE CODE OR USE A MODIFIED UPX VERSION.

ABSTRACT
========

UPX and UCL are copyrighted software distributed under the terms
of the GNU General Public License (hereinafter the "GPL").

The stub which is imbedded in each UPX compressed program is part
of UPX and UCL, and contains code that is under our copyright. The
terms of the GNU General Public License still apply as compressing
a program is a special form of linking with our stub.

As a special exception we grant the free usage of UPX for all
executables, including commercial programs.
See below for details and restrictions.

COPYRIGHT
=========

UPX and UCL are copyrighted software. All rights remain with the authors.

UPX is Copyright (C) 1996-2000 Markus Franz Xaver Johannes Oberhumer
UPX is Copyright (C) 1996-2000 Laszlo Molnar

UCL is Copyright (C) 1996-2000 Markus Franz Xaver Johannes Oberhumer

GNU GENERAL PUBLIC LICENSE
==========================

UPX and the UCL library are free software; you can redistribute them

and/or modify them under the terms of the GNU General Public License as
published by the Free Software Foundation; either version 2 of
the License, or (at your option) any later version.

UPX and UCL are distributed in the hope that they will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; see the file COPYING.

SPECIAL EXCEPTION FOR COMPRESSED EXECUTABLES
==

The stub which is imbedded in each UPX compressed program is part
of UPX and UCL, and contains code that is under our copyright. The
terms of the GNU General Public License still apply as compressing
a program is a special form of linking with our stub.

Hereby Markus F.X.J. Oberhumer and Laszlo Molnar grant you special
permission to freely use and distribute all UPX compressed programs
(including commercial ones), subject to the following restrictions:

1. You must compress your program with a completely unmodified UPX
version; either with our precompiled version, or (at your option)
with a self compiled version of the unmodified UPX sources as
distributed by us.
2. This also implies that the UPX stub must be completely unmodfied, i.e.
the stub imbedded in your compressed program must be byte-identical
to the stub that is produced by the official unmodified UPX version.
3. The decompressor and any other code from the stub must exclusively get
used by the unmodified UPX stub for decompressing your program at
program startup. No portion of the stub may get read, copied,
called or otherwise get used or accessed by your program.

ANNOTATIONS
===========

- You can use a modified UPX version or modified UPX stub only for
programs that are compatible with the GNU General Public License.

- We grant you special permission to freely use and distribute all UPX
compressed programs. But any modification of the UPX stub (such as,
but not limited to, removing our copyright string or making your
program non-decompressible) will immediately revoke your right to
use and distribute a UPX compressed program.

- UPX is not a software protection tool; by requiring that you use
the unmodified UPX version for your proprietary programs we
make sure that any user can decompress your program. This protects
both you and your users as nobody can hide malicious code -
any program that cannot be decompressed is highly suspicious
by definition.

- You can integrate all or part of UPX and UCL into projects that
are compatible with the GNU GPL, but obviously you cannot grant
any special exceptions beyond the GPL for our code in your project.

- We want to actively support manufacturers of virus scanners and
similar security software. Please contact us if you would like to
incorporate parts of UPX or UCL into such a product.

Markus F.X.J. Oberhumer
markus.oberhumer@jk.uni-linz.ac.at

Laszlo Molnar
ml1050@cdata.tvnet.hu

Linz, Austria, 25 Feb 2000

Additional License(s)

The UPX license file is at http://upx.sourceforge.net/upx-license.html.

--- end of LICENSE ---

%% This notice is provided with respect to Xfree86-VidMode Extension 1.0,
which may be included with JRE 8, JDK 8, and OpenJDK 8 on Linux and Solaris.

--- begin of LICENSE ---

Version 1.1 of XFree86 ProjectLicence.

Copyright (C) 1994-2004 The XFree86 Project, Inc. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicence, and/or sell
copies of the Software, and to permit persons to whom the Software is furnished
to do so,subject to the following conditions:

1. Redistributions of source code must retain the above copyright
notice,this list of conditions, and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution, and in the same place
and form as other copyright, license and disclaimer information.

3. The end-user documentation included with the redistribution, if any,must
include the following acknowledgment: "This product includes
software developed by The XFree86 Project, Inc (http://www.xfree86.org/) and
its contributors", in the same place and form as other third-party
acknowledgments. Alternately, this acknowledgment may appear in the software
itself, in the same form and location as other such third-party
acknowledgments.

4. Except as contained in this notice, the name of The XFree86 Project,Inc
shall not be used in advertising or otherwise to promote the sale, use
or other dealings in this Software without prior written authorization from
The XFree86 Project, Inc.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
WARRANTIES,INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
EVENT SHALL THE XFREE86 PROJECT, INC OR ITS CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL,SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO,PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to X Window System 6.8.2, which may be included with JRE 8, JDK 8, and OpenJDK 8 on Linux and Solaris.

--- begin of LICENSE ---

This is the copyright for the files in src/solaris/native/sun/awt: list.h, multiVis.h, wsutils.h, list.c, multiVis.c
Copyright (c) 1994 Hewlett-Packard Co.
Copyright (c) 1996 X Consortium

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from the X Consortium.
_____
The files in motif/lib/Xm/util included this copyright:mkdirhier.man, xmkmf.man, chownxterm.c, makeg.man, mergelib.cpp, lndir.man, makestrs.man, checktree.c, lndir.c, makestrs.c
Copyright (c) 1993, 1994 X Consortium

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not be used in advertising or otherwise to promote the sale, use or other dealing in this Software without prior written authorization from the

X Consortium.
_____
Xmos_r.h:
/*
Copyright (c) 1996 X Consortium

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not be
used in advertising or otherwise to promote the sale, use or other dealings
in this Software without prior written authorization from the X Consortium.
*/

_____
Copyright notice for extutil.h:
Copyright 1989, 1998 The Open Group

All Rights Reserved.

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall not be
used in advertising or otherwise to promote the sale, use or other dealings
in this Software without prior written authorization from The Open Group.
*
* Author: Jim Fulton, MIT The Open Group
*
* Xlib Extension-Writing Utilities
*
* This package contains utilities for writing the client API for various
* protocol extensions. THESE INTERFACES ARE NOT PART OF THE X STANDARD AND
* ARE SUBJECT TO CHANGE!
*/

_____
Copyright notice for HPkeysym.h:
/*

Copyright 1987, 1998 The Open Group

All Rights Reserved.

The above copyright notice and this permission notice shall be included
in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR
OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,
ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall
not be used in advertising or otherwise to promote the sale, use or
other dealings in this Software without prior written authorization
from The Open Group.

Copyright 1987 by Digital Equipment Corporation, Maynard, Massachusetts,

All Rights Reserved

Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the names of Hewlett Packard
or Digital not be
used in advertising or publicity pertaining to distribution of the
software without specific, written prior permission.

DIGITAL DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
DIGITAL BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
SOFTWARE.

HEWLETT-PACKARD MAKES NO WARRANTY OF ANY KIND WITH REGARD
TO THIS SOFWARE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. Hewlett-Packard shall not be liable for errors
contained herein or direct, indirect, special, incidental or
consequential damages in connection with the furnishing,
performance, or use of this material.

*/

_____
Copyright notice in keysym2ucs.h:

Copyright 1987, 1994, 1998 The Open Group

Permission to use, copy, modify, distribute, and sell this software and its
documentation for any purpose is hereby granted without fee, provided that
the above copyright notice appear in all copies and that both that
copyright notice and this permission notice appear in supporting
documentation.

The above copyright notice and this permission notice shall be included
in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR
OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,

ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall
not be used in advertising or otherwise to promote the sale, use or
other dealings in this Software without prior written authorization
from The Open Group.

Copyright 1987 by Digital Equipment Corporation, Maynard, Massachusetts

All Rights Reserved

Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the name of Digital not be
used in advertising or publicity pertaining to distribution of the
software without specific, written prior permission.

DIGITAL DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
DIGITAL BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
SOFTWARE.

*/

--- end of LICENSE ---

%% This notice is provided with respect to zlib v1.2.11, which may be included
with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not
claim that you wrote the original software. If you use this software
in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly   Mark Adler
jloup@gzip.org   madler@alumni.caltech.edu

--- end of LICENSE ---

%% This notice is provided with respect to the following which may be
included with JRE 8, JDK 8, and OpenJDK 8.

Apache Commons Math 3.2
Apache Derby 10.11.1.2
Apache Jakarta BCEL 5.1
Apache Jakarta Regexp 1.4
Apache Santuario XML Security for Java 1.5.4
Apache Xalan-Java 2.7.1
Apache Xerces Java 2.10.0
Apache XML Resolver 1.1

--- begin of LICENSE ---

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or

documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

```
To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!)  The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

--- end of LICENSE ---
```

1.2.312 Apache-1.1 like(Graz University of Technology) (312)

```
Redistribution and use in  source and binary forms, with or without
modification, are permitted  provided that the following conditions are met:

1. Redistributions of  source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

2. Redistributions in  binary form must reproduce the above copyright notice,this list
of conditions and the following disclaimer in the documentation and/or other materials
provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include
the following acknowledgment:

"This product includes software developed by IAIK of Graz University of
Technology."

Alternately, this acknowledgment may appear in the software itself, if
and wherever such third-party acknowledgments normally appear.

4. The names "Graz University of Technology" and "IAIK of Graz University    of
Technology" must not be used to endorse or promote products derived from this software
without prior written permission.

5. Products derived from this software may not be called
"IAIK PKCS Wrapper", nor may "IAIK" appear in their name, without prior
written permission of Graz University of Technology.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE LICENSOR BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,
OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA,
OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
```

```
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY  OF SUCH DAMAGE.
```

1.2.313 Permission Notice (SunSoft, a Sun Microsystems) (313)

```
Developed at SunSoft, a Sun Microsystems, Inc. business.
Permission to use, copy, modify, and distribute this
software is freely granted, provided that this notice
is preserved.
```

1.2.314 RSA-Cryptoki (314)

```
License to copy and use this software is granted provided that it is
identified as "RSA Security Inc. PKCS #11 Cryptographic Token Interface
(Cryptoki)" in all material mentioning or referencing this software.

License is also granted to make and use derivative works provided that
such works are identified as "derived from the RSA Security Inc. PKCS #11
Cryptographic Token Interface (Cryptoki)" in all material mentioning or
referencing the derived work.

RSA Security Inc. makes no representations concerning either the
merchantability of this software or the suitability of this software for
any particular purpose. It is provided "as is" without express or implied
warranty of any kind.

This header file contains pretty much everything about all the
Cryptoki function prototypes.  Because this information is
used for more than just declaring function prototypes, the
order of the functions appearing herein is important, and
should not be altered.
```

1.2.315 Dual License Notice - Apache-2.0 or BSD-3-Clause (315)

```
Licensed under either the Apache License, Version 2.0 or the BSD 3-clause
license at the users choice. A copy of both licenses are available in the
project source as Apache-2.0 and BSD. You may not use this file except in
compliance with one of these two licences.

Unless required by applicable law or agreed to in writing, software
distributed under these licenses is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  See the
license you chose for the specific language governing permissions and
limitations under that license.
```

1.2.316 Permission Notice - The Open Group (316)

```
The above copyright notice and this permission notice shall be included
in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR
OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,
ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall
not be used in advertising or otherwise to promote the sale, use or
other dealings in this Software without prior written authorization
from The Open Group.
```

1.2.317 Permission notice(Digital and Hewlett Packard) (317)

```
Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the names of Hewlett Packard
or Digital not be
used in advertising or publicity pertaining to distribution of the
software without specific, written prior permission.

DIGITAL DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
DIGITAL BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
SOFTWARE.

HEWLETT-PACKARD MAKES NO WARRANTY OF ANY KIND WITH REGARD
TO THIS SOFWARE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.  Hewlett-Packard shall not be liable for errors
contained herein or direct, indirect, special, incidental or
consequential damages in connection with the furnishing,
performance, or use of this material.
```

1.2.318 Permission Notice with disclaimer(Digital) (318)

```
Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the name Digital not be
used in advertising or publicity pertaining to distribution of the
software without specific, written prior permission.

DIGITAL DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
DIGITAL BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
SOFTWARE.
```

1.2.319 Permission Notice with disclaimer(Keith Packard) (319)

```
Permission to use, copy, modify, distribute, and sell this software and its
documentation for any purpose is hereby granted without fee, provided that
the above copyright notice appear in all copies and that both that
copyright notice and this permission notice appear in supporting
documentation, and that the name of Keith Packard not be used in
advertising or publicity pertaining to distribution of the software without
specific, written prior permission.  Keith Packard makes no
representations about the suitability of this software for any purpose.  It
is provided "as is" without express or implied warranty.

KEITH PACKARD DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,
INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO
EVENT SHALL KEITH PACKARD BE LIABLE FOR ANY SPECIAL, INDIRECT OR
CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,
DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER
TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
PERFORMANCE OF THIS SOFTWARE.
```

1.2.320 Permission Notice (Unicode Inc) (320)

```
Distributed under the
Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of
the Unicode data files and associated documentation (the "Data Files") or
Unicode software and associated documentation (the "Software") to deal in the
Data Files or Software without restriction, including without limitation the
rights to use, copy, modify, merge, publish, distribute, and/or sell copies of
the Data Files or Software, and to permit persons to whom the Data Files or
Software are furnished to do so, provided that (a) the above copyright notice(s)
and this permission notice appear in all copies of the Data Files or Software,
(b) both the above copyright notice(s) and this permission notice appear in
associated documentation, and (c) there is clear notice in each modified Data
File or in the Software as well as in the documentation associated with the Data
File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD
PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS
NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL
DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING
OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR
SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be
used in advertising or otherwise to promote the sale, use or other dealings in
these Data Files or Software without prior written authorization of the
copyright holder.
```

1.2.321 Dual License - GPL-2.0-with-classpath-exception or CDDL-1.1 (321)

```
The contents of this file are subject to the terms of either the GNU
General Public License Version 2 only ("GPL") or the Common Development
and Distribution License("CDDL") (collectively, the "License").  You
may not use this file except in compliance with the License.  You can
obtain a copy of the License at
http://glassfish.java.net/public/CDDL+GPL_1_1.html
or packager/legal/LICENSE.txt.  See the License for the specific
language governing permissions and limitations under the License.

When distributing the software, include this License Header Notice in each
file and include the License file at packager/legal/LICENSE.txt.

GPL Classpath Exception:
Oracle designates this particular file as subject to the "Classpath"
exception as provided by Oracle in the GPL Version 2 section of the License
file that accompanied this code.

Modifications:
If applicable, add the following below the License Header, with the fields
enclosed by brackets [] replaced by your own identifying information:
"Portions Copyright [year] [name of copyright owner]"

Contributor(s):
If you wish your version of this file to be governed by only the CDDL or
only the GPL Version 2, indicate your decision by adding "[Contributor]
elects to include this software in this distribution under the [CDDL or GPL
Version 2] license."  If you don't indicate a single choice of license, a
recipient has the option to distribute your version of this file under
either the CDDL, the GPL Version 2 or to extent the choice of license to
its licensees as provided above.  However, if you add GPL Version 2 code
and therefore, elected the GPL Version 2 license, then the option applies
```

only if the new code is made subject to such option by the copyright
holder.

1.2.322 Public Domain Notice: (322)

This module, both source code and documentation, is in the
Public Domain, and comes with NO WARRANTY

1.2.323 Public Domain Notice: (323)

This class is in the Public Domain. NO WARRANTY!

1.2.324 Public Domain Notice: (324)

SAX IS FREE

I hereby abandon any property rights to SAX 2.0 (the Simple API for
XML), and release all of the SAX 2.0 source code, compiled code, and
documentation contained in this distribution into the Public Domain.
SAX comes with NO WARRANTY or guarantee of fitness for any purpose.

David Megginson
david@megginson.com
2000-01-14

1.2.325 Public Domain Notice: (325)

Public Domain: no warranty.

1.2.326 Public Domain Notice: (326)

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.

1.2.327 Public Domain Notice: (327)

No warranty; no copyright -- use this as you will.

1.2.328 Public Domain Notice: (328)

NO WARRANTY! This class is in the public domain.

1.2.329 Public Domain Notice: (329)

SAX COPYRIGHT STATUS

Version 1.0 of the Simple API for XML (SAX), created collectively by
the membership of the XML-DEV mailing list, is hereby released into
the public domain.

No one owns SAX: you may use it freely in both commercial and
non-commercial applications, bundle it with your software
distribution, include it on a CD-ROM, list the source code in a book,
mirror the documentation at your own web site, or use it in any other
way you see fit.

NO WARRANTY

Because SAX is released to the public domain, there is no warranty for
the design or for the software implementation, to the extent permitted
by applicable law. Except when otherwise stated in writing the
copyright holders and/or other parties provide SAX "as is" without

warranty of any kind, either expressed or implied, including, but not
limited to, the implied warranties of merchantability and fitness for
a particular purpose. The entire risk as to the quality and
performance of SAX is with you. Should SAX prove defective, you
assume the cost of all necessary servicing, repair or correction.

In no event unless required by applicable law or agreed to in writing
will any copyright holder, or any other party who may modify and/or
redistribute SAX, be liable to you for damages, including any general,
special, incidental or consequential damages arising out of the use or
inability to use SAX (including but not limited to loss of data or
data being rendered inaccurate or losses sustained by you or third
parties or a failure of the SAX to operate with any other programs),
even if such holder or other party has been advised of the possibility
of such damages.

David Megginson <sax@megginson.com>
1998-05-11

1.2.330 HP Notice (330)

Permission to use, copy, modify, distribute, and sell this software and its
documentation for any purpose is hereby granted without fee, provided that
the above copyright notice appear in all copies and that both that
copyright notice and this permission notice appear in supporting
documentation, and that the name of Compaq or HP not be used in advertising
or publicity pertaining to distribution of the software without specific,
written prior permission. HP makes no representations about the
suitability of this software for any purpose. It is provided "as is"
without express or implied warranty.

HP DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL HP
BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION
OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.2.331 IJG (331)

Independent JPEG Group License LEGAL ISSUES

In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us
know!)

2. You can use this software for whatever you want. You don't have to pay us.

3. You may not pretend that you wrote this software. If you use it in a program, you
must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with
respect to this software, its quality, accuracy, merchantability, or fitness for a
particular purpose. This software is provided "AS IS", and you, its user, assume the
entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved except
as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or
portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

1.2.332 Libpng (332)

This copy of the libpng notices is provided for your convenience. In case of any discrepancy between this copy and the notices in the file png.h that is included in the libpng distribution, the latter shall prevail.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:

If you modify libpng you may insert additional notices immediately following
this sentence.

This code is released under the libpng license.

libpng versions 1.0.7, July 1, 2000 through 1.6.28, January 5, 2017 are
Copyright (c) 2000-2002, 2004, 2006-2017 Glenn Randers-Pehrson, are
derived from libpng-1.0.6, and are distributed according to the same
disclaimer and license as libpng-1.0.6 with the following individuals
added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu
Mandar Sahastrabuddhe

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the
library or against infringement. There is no warranty that our
efforts or the library will fulfill any of your particular purposes
or needs. This library is provided with all faults, and the entire
risk of satisfactory quality, performance, accuracy, and effort is with
the user.

Some files in the "contrib" directory and some configure-generated
files that are distributed with libpng have other copyright owners and
are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are
Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from
libpng-0.96, and are distributed according to the same disclaimer and
license as libpng-0.96, with the following individuals added to the list
of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are
Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88,
and are distributed according to the same disclaimer and license as
libpng-0.88, with the following individuals added to the list of
Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

Some files in the "scripts" directory have other copyright owners
but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"
is defined as the following set of individuals:

Andreas Dilger

Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors
and Group 42, Inc. disclaim all warranties, expressed or implied,
including, without limitation, the warranties of merchantability and of
fitness for any purpose. The Contributing Authors and Group 42, Inc.
assume no liability for direct, indirect, incidental, special, exemplary,
or consequential damages, which may result from the use of the PNG
Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this
source code, or portions hereof, for any purpose, without fee, subject
to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not
be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any
source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without
fee, and encourage the use of this source code as a component to
supporting the PNG file format in commercial products. If you use this
source code in a product, acknowledgment is not required but would be
appreciated.

END OF COPYRIGHT NOTICE, DISCLAIMER, and LICENSE.

TRADEMARK:

The name "libpng" has not been registered by the Copyright owner
as a trademark in any jurisdiction. However, because libpng has
been distributed and maintained world-wide, continually since 1995,
the Copyright owner claims "common-law trademark protection" in any
jurisdiction where common-law trademark is recognized.

OSI CERTIFICATION:

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is
a certification mark of the Open Source Initiative. OSI has not addressed
the additional disclaimers inserted at version 1.0.7.

EXPORT CONTROL:

The Copyright owner believes that the Export Control Classification
Number (ECCN) for libpng is EAR99, which means not subject to export
controls or International Traffic in Arms Regulations (ITAR) because
it is open source, publicly available software, that does not contain
any encryption software. See the EAR, paragraphs 734.3(b)(3) and
734.7(b).

Glenn Randers-Pehrson
glennrp at users.sourceforge.net
January 5, 2017

1.2.333 CDDL-1.1 (333)

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

Version 1.1

1. Definitions.

1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this document.

1.8. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

4. Versions of the License.

4.1. New Versions.

Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered

Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE,

COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. § 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

1.2.334 BSD-3-Clause (334)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of JSR-310 nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.335 BSD-3-Clause (335)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

Neither the name of the Thai Open Source Software Center Ltd nor
the names of its contributors may be used to endorse or promote
products derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.336 BSD-3-Clause (336)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

- Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

- Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

- Neither the name of Oracle nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.337 BSD-3-Clause (337)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
derived from this software without specific prior written permission.

Changes to this license can be made only by the copyright author with
explicit written consent.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.338 BSD-3-Clause (338)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:
* Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
* Neither the name of the copyright holder nor the names of
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDER
BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.339 W3C (339)

W3C SOFTWARE NOTICE AND LICENSE

This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license.

License

By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.

Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

Disclaimers

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders. Notes

This version: http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition.

1.2.340 W3C (340)

This W3C work (including software, documents, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:

Permission to use, copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications, that you make:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.
Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, a short notice of the following form (hypertext is preferred, text is permitted) should be used within the body of any redistributed or derivative code: "Copyright © [$date-of-software] World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved. http://www.w3.org/Consortium/Legal/"
Notice of any changes or modifications to the W3C files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)
THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

1.2.341 Zlib (341)

zlib License Copyright (c) <year> <copyright holders>

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

1.2.342 X11 (342)

Permission is hereby granted, free of charge, to any person obtaining
a copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including
without limitation the rights to use, copy, modify, merge, publish,
distribute, sublicense, and sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to
the following conditions:

The above copyright notice and this permission notice shall be included
in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN NO EVENT SHALL THE X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR
OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,

ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall
not be used in advertising or otherwise to promote the sale, use or
other dealings in this Software without prior written authorization
from the X Consortium.

1.2.343 CDDL-1.0 (343)

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

Version 1.0

1. Definitions.

1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this document.

1.8. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

4. Versions of the License.

4.1. New Versions.

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. § 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

1.2.344 Apache-1.1 (344)

The Apache Software License, Version 1.1

Copyright (c) 2001, 2002 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

3. The end-user documentation included with the redistribution,
if any, must include the following acknowledgment:
"This product includes software developed by the
Apache Software Foundation (http://www.apache.org/)."
Alternately, this acknowledgment may appear in the software itself,
if and wherever such third-party acknowledgments normally appear.

4. The names "Xerces" and "Apache Software Foundation" must
not be used to endorse or promote products derived from this
software without prior written permission. For written
permission, please contact apache@apache.org.

5. Products derived from this software may not be called "Apache",
nor may "Apache" appear in their name, without prior written
permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

This software consists of voluntary contributions made by many
individuals on behalf of the Apache Software Foundation and was
originally based on software copyright (c) 2001, International
Business Machines, Inc., http://www.apache.org. For more
information on the Apache Software Foundation, please see
<http://www.apache.org/>.

1.2.345 Apache-1.1 (345)

The Apache Software License, Version 1.1

Copyright (c) 2001 The Apache Software Foundation. All rights
reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

3. The end-user documentation included with the redistribution,
if any, must include the following acknowledgment:
"This product includes software developed by the

Apache Software Foundation (http://www.apache.org/)."
Alternately, this acknowledgment may appear in the software itself,
if and wherever such third-party acknowledgments normally appear.

4. The names "Apache" and "Apache Software Foundation" and
"Apache BCEL" must not be used to endorse or promote products
derived from this software without prior written permission. For
written permission, please contact apache@apache.org.

5. Products derived from this software may not be called "Apache",
"Apache BCEL", nor may "Apache" appear in their name, without
prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.2.346 Apache-1.1 (346)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

3. The end-user documentation included with the redistribution,
if any, must include the following acknowledgment:
"This product includes software developed by the
Apache Software Foundation (http://www.apache.org/)."
Alternately, this acknowledgment may appear in the software itself,
if and wherever such third-party acknowledgments normally appear.

4. The names "Xalan" and "Apache Software Foundation" must
not be used to endorse or promote products derived from this
software without prior written permission. For written
permission, please contact apache@apache.org.

5. Products derived from this software may not be called "Apache",
nor may "Apache" appear in their name, without prior written
permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT

```
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

This software consists of voluntary contributions made by many
individuals on behalf of the Apache Software Foundation and was
originally based on software copyright (c) 1999, Lotus
Development Corporation., http://www.lotus.com.  For more
information on the Apache Software Foundation, please see
<http://www.apache.org/>.
```

1.2.347 Combined_OpenSSL+SSLeay (347)

```
This package is an SSL implementation written
by Eric Young (eay@cryptsoft.com).
The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as
the following conditions are aheared to.  The following conditions
apply to all code found in this distribution, be it the RC4, RSA,
lhash, DES, etc., code; not just the SSL code.  The SSL documentation
included with this distribution is covered by the same copyright terms
except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in
the code are not to be removed.
If this package is used in a product, Eric Young should be given attribution
as the author of the parts of the library used.
This can be in the form of a textual message at program startup or
in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"
The word 'cryptographic' can be left out if the rouines from the library
being used are not cryptographic related :-).
4. If you include any Windows specific code (or a derivative thereof) from
the apps directory (application code) you must include an acknowledgement:
"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The licence and distribution terms for any publically available version or
derivative of this code cannot be changed.  i.e. this code cannot simply be
copied and put under another distribution licence
[including the GNU Public Licence.]

====================================================================
```

```
Copyright (c) 1998-2000 The OpenSSL Project.  All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

3. All advertising materials mentioning features or use of this
software must display the following acknowledgment:
"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit. (http://www.openssl.org/)"

4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
endorse or promote products derived from this software without
prior written permission. For written permission, please contact
openssl-core@openssl.org.

5. Products derived from this software may not be called "OpenSSL"
nor may "OpenSSL" appear in their names without prior written
permission of the OpenSSL Project.

6. Redistributions of any form whatsoever must retain the following
acknowledgment:
"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
OF THE POSSIBILITY OF SUCH DAMAGE.
====================================================================

This product includes cryptographic software written by Eric Young
(eay@cryptsoft.com).  This product includes software written by Tim
Hudson (tjh@cryptsoft.com).
```

1.2.348 Combined_OpenSSL+SSLeay (348)

```
OpenSSL License
---------------

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
```

the documentation and/or other materials provided with the
distribution.

3. All advertising materials mentioning features or use of this
software must display the following acknowledgment:
"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit. (http://www.openssl.org/)"

4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
endorse or promote products derived from this software without
prior written permission. For written permission, please contact
openssl-core@openssl.org.

5. Products derived from this software may not be called "OpenSSL"
nor may "OpenSSL" appear in their names without prior written
permission of the OpenSSL Project.

6. Redistributions of any form whatsoever must retain the following
acknowledgment:
"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org/)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes cryptographic software written by Eric Young
(eay@cryptsoft.com). This product includes software written by Tim
Hudson (tjh@cryptsoft.com).

Original SSLeay License

This package is an SSL implementation written
by Eric Young (eay@cryptsoft.com).
The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as
the following conditions are aheared to. The following conditions
apply to all code found in this distribution, be it the RC4, RSA,
lhash, DES, etc., code; not just the SSL code. The SSL documentation
included with this distribution is covered by the same copyright terms
except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in
the code are not to be removed.
If this package is used in a product, Eric Young should be given attribution
as the author of the parts of the library used.
This can be in the form of a textual message at program startup or
in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

```
1. Redistributions of source code must retain the copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"
The word 'cryptographic' can be left out if the rouines from the library
being used are not cryptographic related :-).
4. If you include any Windows specific code (or a derivative thereof) from
the apps directory (application code) you must include an acknowledgement:
"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The licence and distribution terms for any publically available version or
derivative of this code cannot be changed.  i.e. this code cannot simply be
copied and put under another distribution licence
[including the GNU Public Licence.]
```

1.2.349 Public-domain (349)

```
This code is hereby placed in the public domain.
```

1.2.350 Public-domain (350)

```
Adapted from the public domain code by D. Bernstein from SUPERCOP.
```

1.2.351 Public-domain (351)

```
SHA based password algorithm, describe by Ulrich Drepper here:
https://www.akkadia.org/drepper/SHA-crypt.txt
(note that it's in the public domain)
```

1.2.352 Public-domain (352)

```
Public domain version is distributed above.
```

1.2.353 BSD-3-Clause (353)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

3. Neither the name of the Institute nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.
```

```
THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.354 BSD-2-Clause (354)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.355 BSD-2-Clause (355)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.356 BSD-2-Clause (356)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Neither the name of author nor the names of its contributors may
```

be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY AUTHOR AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.2.357 BSD-2-Clause (357)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWA

1.2.358 LGPL V2.1 or later (358)

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.
This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.
You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301
USA

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999
Copyright (C) 1991, 1999 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]
Preamble
The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.
When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.
To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.
For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.
We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.
To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.
?
Finally, software patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.
Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.
When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.
We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain
special circumstances.
For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it becomes
a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library to free
software only, so we use the Lesser General Public License.
In other cases, permission to use a particular library in non-free

programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.
Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.
The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
?
GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".
A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.
The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)
"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
?
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility

is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.
(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)
These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote
it.
Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.
In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.
3. You may opt to apply the terms of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.
?
Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.
This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.
If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.
5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.
When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The

threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.
?
6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:
a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.
d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.
e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.
It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.
?
7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library

facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:
a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.
b) Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.
8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.
9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.
10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.
?
11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.
If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply,
and the section as a whole is intended to apply in other circumstances.
It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system which is
implemented by public license practices. Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.
This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.
12. If the distribution and/or use of the Library is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Library under this License may add
an explicit geographical distribution limitation excluding those countries,
so that distribution is permitted only in or among countries not thus
excluded. In such case, this License incorporates the limitation as if
written in the body of this License.

13. The Free Software Foundation may publish revised and/or new
versions of the Lesser General Public License from time to time.
Such new versions will be similar in spirit to the present version,
but may differ in detail to address new problems or concerns.
Each version is given a distinguishing version number. If the Library
specifies a version number of this License which applies to it and
"any later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a
license version number, you may choose any version ever published by
the Free Software Foundation.
?
14. If you wish to incorporate parts of the Library into other free
programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.
NO WARRANTY
15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.
END OF TERMS AND CONDITIONS
?
How to Apply These Terms to Your New Libraries
If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).
To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.
<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.
This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.
You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Also add information on how to contact you by electronic and paper mail.
You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if

```
necessary.  Here is a sample; alter the names:
Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!
```

1.2.359 Multiple License • LGPL V2.1 (or later) AND Unrar License (359)

```
unRAR - free utility for RAR archives
**   **  **   **  **   **  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
******   *******  ******    License for use and distribution of
**   **  **   **  **   **   ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
**   **  **   **  **   **          FREE portable version
~~~~~~~~~~~~~~~~~~~~
The source code of unRAR utility is freeware. This means:
1. All copyrights to RAR and the utility unRAR are exclusively
owned by the author - Alexander Roshal.
2. The unRAR sources may be used in any software to handle RAR
archives without limitations free of charge, but cannot be used
to re-create the RAR compression algorithm, which is proprietary.
Distribution of modified unRAR sources in separate form or as a
part of other software is permitted, provided that it is clearly
stated in the documentation and source comments that the code may
not be used to develop a RAR (WinRAR) compatible archiver.
3. The unRAR utility may be freely distributed. No person or company
may charge a fee for the distribution of unRAR without written
permission from the copyright holder.
4. THE RAR ARCHIVER AND THE UNRAR UTILITY ARE DISTRIBUTED "AS IS".
NO WARRANTY OF ANY KIND IS EXPRESSED OR IMPLIED.  YOU USE AT
YOUR OWN RISK. THE AUTHOR WILL NOT BE LIABLE FOR DATA LOSS,
DAMAGES, LOSS OF PROFITS OR ANY OTHER KIND OF LOSS WHILE USING
OR MISUSING THIS SOFTWARE.
5. Installing and using the unRAR utility signifies acceptance of
these terms and conditions of the license.
6. If you don't agree with terms of the license you must remove
unRAR files from your storage devices and cease to use the
utility.
Thank you for your interest in RAR and unRAR.

Alexander L. Roshal
```

1.2.360 GPL V2 or later (360)

```
This program is free software;  you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY;  without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See
the GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program;  if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA  02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble
```

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the

same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not

specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details

```
type `show w'.  This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.
```

1.2.361 MIT License (361)

```
// Permission is hereby granted, free of charge, to any person obtaining a copy
// of this software and associated documentation files (the "Software"), to deal
// in the Software without restriction, including without limitation the rights
// to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
// copies of the Software, and to permit persons to whom the Software is
// furnished to do so, subject to the following conditions:
//
// The above copyright notice and this permission notice shall be included in
// all copies or substantial portions of the Software.
//
// THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
// IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
// FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
// AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
// LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
// OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
// THE SOFTWARE.
```

1.2.362 Permission Notice - Win32 API (362)

```
This file is part of a free library for the Win32 API.
This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.363 Public Domain with Disclaimer (363)

```
THIS SOFTWARE IS NOT COPYRIGHTED
This source code is offered for use in the public domain. You may
use, modify or distribute it freely.
This code is distributed in the hope that it will be useful but
WITHOUT ANY WARRANTY. ALL WARRANTIES, EXPRESS OR IMPLIED ARE HEREBY
DISCLAIMED. This includes but is not limited to warranties of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.364 Public Domain (364)

```
: Igor Pavlov : Public domain
This code is based on PPMd var.H (2001): Dmitry Shkarin : Public domain */
```

1.2.365 Public Domain (365)

```
2015-06-30 : Igor Pavlov : Public domain
2015 : Samuel Neves : Public domain */
```

1.2.366 Public Domain (366)

```
Igor Pavlov : Public domain */
```

1.2.367 Public Domain (367)

```
Dmitry Subbotin : Public domain */
```

1.2.368 Public Domain (368)

```
; 2009-12-12 : Igor Pavlov : Public domain
; 2011-10-12 : P7ZIP       : Public domain
```

1.2.369 Public Domain (369)

```
: Igor Pavlov : Public domain
This code is based on:
PPMd var.I (2002): Dmitry Shkarin : Public domain
Carryless rangecoder (1999): Dmitry Subbotin : Public domain */
```

1.2.370 Public Domain (370)

```
Igor Pavlov : Public domain
This code is based on:
PPMd var.H (2001) / var.I (2002): Dmitry Shkarin : Public domain
Carryless rangecoder (1999): Dmitry Subbotin : Public domain */
```

1.2.371 Public Domain (371)

```
Originally from the public domain stb.h header.
```

1.2.372 Dual license - BSD-3-Clause or GPL-2.0+ (372)

```
This file can be distributed under either the GNU General Public License (version 2 or
higher) or the 3-clause BSD License.
```

1.2.373 Google-BSD (373)

```
THE "BSD" LICENCE
-----------------


Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of the University of Cambridge nor the name of Google
Inc. nor the names of their contributors may be used to endorse or
promote products derived from this software without specific prior
written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
```

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.374 BSD-2-Clause (374)

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE

1.2.375 MIT-style (375)

(C) Copyright Nicolai M. Josuttis 2001.
Permission to copy, use, modify, sell and distribute this software
is granted provided this copyright notice appears in all copies.
This software is provided "as is" without express or implied
warranty, and with no claim as to its suitability for any purpose.

1.2.376 BSD (376)

This implementation is based on the one from Stone Steps Inc,
licensed under the BSD license.

1.2.377 MIT (377)

Copyright (C) 2007 OpenedHand Ltd.
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.2.378 GPL-2.0 (378)

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.
To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.
For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.
We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.
Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.
Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.
The precise terms and conditions for copying, distribution and modification follow.
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.
1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.
In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.
4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.
6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted

herein. You are not responsible for enforcing compliance by third parties to this License.
7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.
If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.
It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.
This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.
Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.
10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.
NO WARRANTY
11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
END OF TERMS AND CONDITIONS

1.2.379 Dual License - Public Domain/MIT License (379)

The JsonCpp library's source code, including accompanying documentation,
tests and demonstration applications, are licensed under the following

conditions...

The author (Baptiste Lepilleur) explicitly disclaims copyright in all
jurisdictions which recognize such a disclaimer. In such jurisdictions,
this software is released into the Public Domain.

In jurisdictions which do not recognize Public Domain property (e.g. Germany as of
2010), this software is Copyright (c) 2007-2010 by Baptiste Lepilleur, and is
released under the terms of the MIT License (see below).

In jurisdictions which recognize Public Domain property, the user of this
software may choose to accept it either as 1) Public Domain, 2) under the
conditions of the MIT License (see below), or 3) under the terms of dual
Public Domain/MIT License conditions described here, as they choose.

The MIT License is about as close to Public Domain as a license can get, and is
described in clear, concise terms at:

http://en.wikipedia.org/wiki/MIT_License

The full text of the MIT License follows:

==
Copyright (c) 2007-2010 Baptiste Lepilleur

Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including without limitation the rights to use, copy,
modify, merge, publish, distribute, sublicense, and/or sell copies
of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS
BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN
ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.
==

The MIT license is compatible with both the GPL and commercial
software, affording one all of the rights of Public Domain with the
minor nuisance of being required to keep the above copyright notice
and license text in the source code. Note also that by accepting the
Public Domain "license" you can re-license your copy using whatever
license you like.

1.2.380 GPL-2.0 ref. 1 (380)

rng-tools are available under the terms of the GNU Public License version 2.

See COPYING for details.

1.2.381 GPL-2.0 (381)

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Suite 500, Boston, MA 02110-1335 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law:

that is to say, a work containing the Program or a portion of it,
either verbatim or with modifications and/or translated into another
language. (Hereinafter, translation is included without limitation in
the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running the Program is not restricted, and the output from the Program
is covered only if its contents constitute a work based on the
Program (independent of having been made by running the Program).
Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's
source code as you receive it, in any medium, provided that you
conspicuously and appropriately publish on each copy an appropriate
copyright notice and disclaimer of warranty; keep intact all the
notices that refer to this License and to the absence of any warranty;
and give any other recipients of the Program a copy of this License
along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion
of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any
part thereof, to be licensed as a whole at no charge to all third
parties under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
notice that there is no warranty (or else, saying that you provide
a warranty) and that users may redistribute the program under
these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of

a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY
FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN
OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES
PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED
OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS
TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE
PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING,
REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING
WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR
REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,
INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING
OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED
TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY
YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER
PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Suite 500, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may

```
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.
```

1.2.382 GPL ref. (382)

```
* This program is free software; you can redistribute it and/or modify
* it under the terms of the GNU General Public License as published by
* the Free Software Foundation.
*
* This program is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
* GNU General Public License for more details.
*
* You should have received a copy of the GNU General Public License
* along with this program; see the file COPYING. If not, write to
* the Free Software Foundation, 675 Mass Ave, Cambridge, MA 02139, USA.
```

1.2.383 GPL-2.0 ref. (383)

```
* This program is free software; you can redistribute it and/or modify it
* under the terms and conditions of the GNU General Public License,
* version 2, as published by the Free Software Foundation.
*
* This program is distributed in the hope it will be useful, but WITHOUT
* ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or
* FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for
* more details.
*
* You should have received a copy of the GNU General Public License along with
* this program; if not, write to the Free Software Foundation, Inc.,
* 51 Franklin St - Fifth Floor, Boston, MA 02110-1301 USA.
```

1.2.384 GPL-2.0+ ref. (384)

```
* This program is free software; you can redistribute it and/or modify
* it under the terms of the GNU General Public License as published by
* the Free Software Foundation; either version 2 of the License, or
* (at your option) any later version.
*
* This program is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
* GNU General Public License for more details.
*
* You should have received a copy of the GNU General Public License
* along with this program; if not, write to the Free Software
* Foundation, Inc., 51 Franklin Street, Suite 500, Boston, MA 02110-1335 USA
```

1.2.385 Multiple license: GPL-2.0+ ref. and No warranty notice (385)

```
* This program is free software; you can redistribute it and/or modify
* it under the terms of the GNU General Public License as published by
* the Free Software Foundation; either version 2 of the License, or
* (at your option) any later version.
*
* This program is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
* GNU General Public License for more details.
*
* You should have received a copy of the GNU General Public License
* along with this program; if not, write to the Free Software
* Foundation, Inc., 51 Franklin Street, Suite 500, Boston, MA 02110-1335 USA
----------------------------------------------------------------------
"This is free software; see the source for copying conditions. There is NO "
"warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE."
```

1.2.386 Dual License - Apache-2.0 and GPL-2.0 (386)

```
RocksDB is dual-licensed under both the GPLv2 (found in the COPYING file in the root
directory) and Apache 2.0 License (found in the LICENSE.Apache file in the root
directory).  You may select, at your option, one of the above-listed licenses.
In this context Apache 2.0 has been chosen.
```

1.2.387 Public Domain Notice: (387)

```
All code is released to the public domain. For business purposes
```

1.2.388 Artistic Style License - 1.0 (388)

```
NOTE:
This license has been obsoleted by the change to the BSD-style copyright.
You may continue to use this license if you wish, but you are under no
obligation to do so.

(*
This document is freely plagiarised from the 'Artistic Licence',
distributed as part of the Perl v4.0 kit by Larry Wall, which is
available from most major archive sites.  I stole it from CrackLib.

$Id$
*)

This documents purpose  # is to state the conditions under which this
Package (See definition below) viz: "Shadow", the Shadow Password Suite
which is held by Julianne Frances Haugh, may be copied, such that the
copyright holder maintains some semblance of artistic control over the
development of the package, while giving the users of the package the
right to use and distribute the Package in a more-or-less customary
fashion, plus the right to make reasonable modifications.

So there.

**************************************************************************

Definitions:



A "Package" refers to the collection of files distributed by the
Copyright Holder, and derivatives of that collection of files created
through textual modification, or segments thereof.

"Standard Version" refers to such a Package if it has not been modified,
```

or has been modified in accordance with the wishes of the Copyright
Holder.

"Copyright Holder" is whoever is named in the copyright or copyrights
for the package.

"You" is you, if you're thinking about copying or distributing this
Package.

"Reasonable copying fee" is whatever you can justify on the basis of
media cost, duplication charges, time of people involved, and so on.
(You will not be required to justify it to the Copyright Holder, but
only to the computing community at large as a market that must bear the
fee.)

"Freely Available" means that no fee is charged for the item itself,
though there may be fees involved in handling the item. It also means
that recipients of the item may redistribute it under the same
conditions they received it.

1. You may make and give away verbatim copies of the source form of the
Standard Version of this Package without restriction, provided that you
duplicate all of the original copyright notices and associated
disclaimers.

2. You may apply bug fixes, portability fixes and other modifications
derived from the Public Domain or from the Copyright Holder. A Package
modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way,
provided that you insert a prominent notice in each changed file stating
how and when AND WHY you changed that file, and provided that you do at
least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them
Freely Available, such as by posting said modifications to Usenet or an
equivalent medium, or placing the modifications on a major archive site
such as uunet.uu.net, or by allowing the Copyright Holder to include
your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with
standard executables, which must also be provided, and provide separate
documentation for each non-standard executable that clearly documents
how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or
executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files,
together with instructions (in the manual page or equivalent) on where
to get the Standard Version.

b) accompany the distribution with the machine-readable source of the
Package with your modifications.

c) accompany any non-standard executables with their corresponding
Standard Version executables, giving the non-standard executables
non-standard names, and clearly documenting the differences in manual
pages (or equivalent), together with instructions on where to get the

Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. YOU MAY NOT CHARGE A FEE FOR THIS PACKAGE ITSELF. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that YOU DO NOT ADVERTISE this package as a product of your own.

6. The # name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

7. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

1.2.389 GPL-3.0+-with-bison-exception-variant (389)

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for
software and other kinds of works.

The licenses for most software and other practical works are designed
to take away your freedom to share and change the works. By contrast,
the GNU General Public License is intended to guarantee your freedom to
share and change all versions of a program--to make sure it remains free
software for all its users. We, the Free Software Foundation, use the
GNU General Public License for most of our software; it applies also to
any other work released this way by its authors. You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
them if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you
these rights or asking you to surrender the rights. Therefore, you have
certain responsibilities if you distribute copies of the software, or if
you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether
gratis or for a fee, you must pass on to the recipients the same
freedoms that you received. You must make sure that they, too, receive
or can get the source code. And you must show them these terms so they
know their rights.

Developers that use the GNU GPL protect your rights with two steps:
(1) assert copyright on the software, and (2) offer you this License

giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extent this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the

extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of

your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under
the conditions stated below. Sublicensing is not allowed; section 10
makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological
measure under any applicable law fulfilling obligations under article
11 of the WIPO copyright treaty adopted on 20 December 1996, or
similar laws prohibiting or restricting circumvention of such
measures.

When you convey a covered work, you waive any legal power to forbid
circumvention of technological measures to the extent such circumvention
is effected by exercising rights under this License with respect to
the covered work, and you disclaim any intention to limit operation or
modification of the work as a means of enforcing, against the work's
users, your or third parties' legal rights to forbid circumvention of
technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you
receive it, in any medium, provided that you conspicuously and
appropriately publish on each copy an appropriate copyright notice;
keep intact all notices stating that this License and any
non-permissive terms added in accord with section 7 apply to the code;
keep intact all notices of the absence of any warranty; and give all
recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey,
and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to
produce it from the Program, in the form of source code under the
terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified
it, and giving a relevant date.

b) The work must carry prominent notices stating that it is
released under this License and any conditions added under section
7. This requirement modifies the requirement in section 4 to
"keep intact all notices".

c) You must license the entire work, as a whole, under this
License to anyone who comes into possession of a copy. This
License will therefore apply, along with any applicable section 7
additional terms, to the whole of the work, and all its parts,
regardless of how they are packaged. This License gives no
permission to license the work in any other way, but it does not
invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display
Appropriate Legal Notices; however, if the Program has interactive
interfaces that do not display Appropriate Legal Notices, your
work need not make them do so.

A compilation of a covered work with other separate and independent
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,

in or on a volume of a storage or distribution medium, is called an
"aggregate" if the compilation and its resulting copyright are not
used to limit the access or legal rights of the compilation's users
beyond what the individual works permit. Inclusion of a covered work
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

a) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by the
Corresponding Source fixed on a durable physical medium
customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by a
written offer, valid for at least three years and valid for as
long as you offer spare parts or customer support for that product
model, to give anyone who possesses the object code either (1) a
copy of the Corresponding Source for all the software in the
product that is covered by this License, on a durable physical
medium customarily used for software interchange, for a price no
more than your reasonable cost of physically performing this
conveying of source, or (2) access to copy the
Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the
written offer to provide the Corresponding Source. This
alternative is allowed only occasionally and noncommercially, and
only if you received the object code with such an offer, in accord
with subsection 6b.

d) Convey the object code by offering access from a designated
place (gratis or for a charge), and offer equivalent access to the
Corresponding Source in the same way through the same place at no
further charge. You need not require recipients to copy the
Corresponding Source along with the object code. If the place to
copy the object code is a network server, the Corresponding Source
may be on a different server (operated by you or a third party)
that supports equivalent copying facilities, provided you maintain
clear directions next to the object code saying where to find the
Corresponding Source. Regardless of what server hosts the
Corresponding Source, you remain obligated to ensure that it is
available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided
you inform other peers where the object code and Corresponding
Source of the work are being offered to the general public at no
charge under subsection 6d.

A separable portion of the object code, whose source code is excluded
from the Corresponding Source as a System Library, need not be
included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any
tangible personal property which is normally used for personal, family,
or household purposes, or (2) anything designed or sold for incorporation
into a dwelling. In determining whether a product is a consumer product,
doubtful cases shall be resolved in favor of coverage. For a particular
product received by a particular user, "normally used" refers to a
typical or common use of that class of product, regardless of the status

of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal

Notices displayed by works containing it; or

c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license,

and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extent the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of

the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively

```
state the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short
notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, your program's commands
might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school,
if any, to sign a "copyright disclaimer" for the program, if necessary.
For more information on this, and how to apply and follow the GNU GPL, see
<http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications with
the library. If this is what you want to do, use the GNU Lesser General
Public License instead of this License. But first, please read
<http://www.gnu.org/philosophy/why-not-lgpl.html>.


Bison Exception

As a special exception, you may create a larger work that contains part or all of the
Bison parser skeleton and distribute that work under terms of your choice, so long as
that work isn't itself a parser generator using the skeleton or a modified version
thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser
skeleton itself, you may (at your option) remove this special exception, which will
cause the skeleton and the resulting Bison output files to be licensed under the GNU
General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of
Bison.
```

1.2.390 Disclaimer (390)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted.
```

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT
HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.391 Public Domain Notice: (391)

```
Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>, it is in the
public domain.
```

1.2.392 Public Domain Notice: (392)

```
This code is in the public domain and has no copyright.
```

1.2.393 Public Domain Notice: (393)

```
It may be used and distributed freely for any purposes.  There is no warranty - use at
your own risk.  I am not liable for any damages etc. If you improve it, please send me
your changes.
```

1.2.394 BSD-style (394)

```
Redistribution and use in source and binary forms are permitted
provided that this entire copyright notice is duplicated in all such
copies.

This software is provided "as is" and without any expressed or implied
warranties, including, without limitation, the implied warranties of
merchantibility and fitness for any particular purpose.
```

1.2.395 BSD-4-Clause (395)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
This product includes software developed by Brian R. Gaeke.
4. The name of the author, Brian R. Gaeke, may not be used to endorse
or promote products derived from this software without specific
prior written permission.

THIS SOFTWARE IS PROVIDED BY BRIAN R. GAEKE ``AS IS'' AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED.  IN NO EVENT SHALL BRIAN R. GAEKE BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

1.2.396 BSD-3-Clause (396)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. The name of the copyright holders or contributors may not be used to
endorse or promote products derived from this software without
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE COPYRIGHT
HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.397 BSD-3-Clause (397)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. Neither the name of International Business Machines, Inc., nor the
names of its contributors may be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY INTERNATIONAL BUSINESS MACHINES, INC. AND
CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,
BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL
INTERNATIONAL BUSINESS MACHINES, INC. OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
```

1.2.398 Public-domain (398)

```
The author disclaims copyright to this source code.  In place of
a legal notice, here is a blessing:

May you do good and not evil.
May you find forgiveness for yourself and forgive others.
May you share freely, never taking more than you give.
```

1.2.399 Public Domain Notice (399)

```
Unless otherwise specified, all files in the tz code and data are in
the public domain, so clarified as of 2009-05-17 by Arthur David Olson.
```

1.2.400 GPL-2.0 (400)

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it. (Some other Free Software Foundation software is covered by
the GNU Lesser General Public License instead.) You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.
These restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether
gratis or for a fee, you must give the recipients all the rights that
you have. You must make sure that they, too, receive or can get the
source code. And you must show them these terms so they know their
rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that redistributors of a free
program will individually obtain patent licenses, in effect making the
program proprietary. To prevent this, we have made it clear that any
patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and
modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains
a notice placed by the copyright holder saying it may be distributed

under the terms of this General Public License. The "Program", below,
refers to any such program or work, and a "work based on the Program"
means either the Program or any derivative work under copyright law:
that is to say, a work containing the Program or a portion of it,
either verbatim or with modifications and/or translated into another
language. (Hereinafter, translation is included without limitation in
the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running the Program is not restricted, and the output from the Program
is covered only if its contents constitute a work based on the
Program (independent of having been made by running the Program).
Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's
source code as you receive it, in any medium, provided that you
conspicuously and appropriately publish on each copy an appropriate
copyright notice and disclaimer of warranty; keep intact all the
notices that refer to this License and to the absence of any warranty;
and give any other recipients of the Program a copy of this License
along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion
of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any
part thereof, to be licensed as a whole at no charge to all third
parties under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
notice that there is no warranty (or else, saying that you provide
a warranty) and that users may redistribute the program under
these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program

with the Program (or with a work based on the Program) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections
1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your
cost of physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer
to distribute corresponding source code. (This alternative is
allowed only for noncommercial distribution and only if you
received the program in object code or executable form with such
an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source
code means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to
control compilation and installation of the executable. However, as a
special exception, the source code distributed need not include
anything that is normally distributed (in either source or binary
form) with the major components (compiler, kernel, and so on) of the
operating system on which the executable runs, unless that component
itself accompanies the executable.

If distribution of executable or object code is made by offering
access to copy from a designated place, then offering equivalent
access to copy the source code from the same place counts as
distribution of the source code, even though third parties are not
compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt
otherwise to copy, modify, sublicense or distribute the Program is
void, and will automatically terminate your rights under this License.
However, parties who have received copies, or rights, from you under
this License will not have their licenses terminated so long as such
parties remain in full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties to
this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN

OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES
PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED
OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS
TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE
PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING,
REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING
WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR
REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,
INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING
OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED
TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY
YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER
PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License along
with this program; if not, write to the Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if

```
necessary.  Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs.  If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library.  If this is what you want to do, use the GNU Lesser General
Public License instead of this License.
```

1.2.401 GPL-2.0+ Notice (Wolfgang Denk) (401)

```
U-Boot is Free Software.  It is copyrighted by Wolfgang Denk and
many others who contributed code (see the actual source code and the
git commit messages for details).  You can redistribute U-Boot and/or
modify it under the terms of version 2 of the GNU General Public
License as published by the Free Software Foundation.  Most of it can
also be distributed, at your option, under any later version of the
GNU General Public License -- see individual files for exceptions.

NOTE! This license does *not* cover the so-called "standalone" applications that use
U-Boot services by means of the jump table provided by U-Boot exactly for this purpose
- this is merely
considered normal use of U-Boot, and does *not* fall under the heading of "derived
work" 

see file  Licenses/Exceptions for details.

Also note that the GPL and the other licenses are copyrighted by
the Free Software Foundation and other organizations, but the
instance of code that they refer to (the U-Boot source code) is
copyrighted by me and others who actually wrote it.
-- Wolfgang Denk
```

1.2.402 GPL License Exception (402)

```
GPL License Exception:

Even though U-Boot in general is covered by the GPL-2.0/GPL-2.0+,
this does *not* cover the so-called "standalone" applications that
use U-Boot services by means of the jump table provided by U-Boot
exactly for this purpose - this is merely considered normal use of
U-Boot, and does *not* fall under the heading of "derived work".

The header files "include/image.h" and "arch/*/include/asm/u-boot.h"
define interfaces to U-Boot.  Including these (unmodified) header
files in another file is considered normal use of U-Boot, and does
*not* fall under the heading of "derived work".
-- Wolfgang Denk
```

1.2.403 GPL-2.0 Notice:1 (403)

```
This source code is licensed under the GNU General Public License, Version 2.  See the
file COPYING for more details.
```

1.2.404 GPL-2.0 Notice:2 (404)

```
This file is licensed under the terms of the GNU General Public
License version 2. This program is licensed "as is" without any
warranty of any kind, whether express or implied.
```

1.2.405 GPL-2.0 Notice:3 (405)

```
This program is free software; you can redistribute it and/or modify it under the
terms of the GNU General Public License as published by the Free Software Foundation;
version 2 of the License.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or
FITNESS FOR A PARTICULAR PURPOSE.  See the GNU General Public License for more
details.
You should have received a copy of the GNU General Public License along with this
program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth
Floor, Boston, MA  02110-1301  USA.
```

1.2.406 GPL-2.0 Notice:4 (406)

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License version 2 as
published by the Free Software Foundation.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA
```

1.2.407 GPL-2.0 Notice:5 (Inventra Controller) (407)

```
This file is part of the Inventra Controller Driver for Linux.

The Inventra Controller Driver for Linux is free software; you
can redistribute it and/or modify it under the terms of the GNU
General Public License version 2 as published by the Free Software
Foundation.

The Inventra Controller Driver for Linux is distributed in
the hope that it will be useful, but WITHOUT ANY WARRANTY;
without even the implied warranty of MERCHANTABILITY or
FITNESS FOR A PARTICULAR PURPOSE.  See the GNU General Public
License for more details.

You should have received a copy of the GNU General Public License
along with The Inventra Controller Driver for Linux ; if not,
write to the Free Software Foundation, Inc., 59 Temple Place,
Suite 330, Boston, MA  02111-1307  USA
```

1.2.408 GPL-2.0 Notice:6 (408)

```
This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
version 2 as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY
WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A
PARTICULAR PURPOSE.  See the GNU General Public License for more details.
```

1.2.409 GPL-2.0 Notice:7 (409)

```
Licensed under the terms of the GNU GPL License version 2
```

1.2.410 GPL-2.0 Notice:8 (410)

```
This software is distributed under the terms of the GNU General Public License ("GPL")
as published by the Free Software Foundation, version 2 of that License.
```

1.2.411 GPL-2.0 Notice:9 (SciTech) (411)

```
This file may be distributed and/or modified under the terms of the GNU General Public
License version 2.0 as published by the Free Software Foundation and appearing in the
file LICENSE.GPL included in the packaging of this file.

Licensees holding a valid Commercial License for this product from SciTech Software,
Inc. may use this file in accordance with the Commercial License Agreement provided
with the Software.

This file is provided AS IS with NO WARRANTY OF ANY KIND, INCLUDING THE WARRANTY OF
DESIGN, MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.

See http://www.scitechsoft.com/license/ for information about
the licensing options available and how to purchase a Commercial License Agreement.

Contact license@scitechsoft.com if any conditions of this licensing are not clear to
you, or you have questions about licensing options.
```

1.2.412 GPL-2.0 Notice:10 (U-Boot) (412)

```
You can redistribute U-Boot and/or
modify it under the terms of version 2 of the GNU General Public License as published
by the Free Software Foundation.
```

1.2.413 GPL-2.0 Notice:11 (413)

```
SPDX-License-Identifier: GPL-2.0
```

1.2.414 Dual License- GPL-2.0 / IBM-pibs (414)

```
Copyright (C) 2007 Stefan Roese <sr@denx.de>, DENX Software Engineering
Copyright (c) 2008 Nuovation System Designs, LLC
Grant Erickson <gerickson@nuovations.com>

SPDX-License-Identifier: GPL-2.0 IBM-pibs
```

1.2.415 IBM-pibs (415)

```
This source code has been made available to you by IBM on an AS-IS basis.  Anyone
receiving this source is licensed under IBM copyrights to use it in any way he or she
deems fit, including copying it, modifying it, compiling it, and redistributing it
either with or without modifications.  No license under IBM patents or patent
applications is to be implied by the copyright license.
Any user of this software should understand that IBM cannot provide technical support
for this software and will not be responsible for any consequences resulting from the
use of this software.

Any person who transfers this source code or any derivative work must include the IBM
copyright notice, this paragraph, and the preceding two paragraphs in the transferred
software.

COPYRIGHT   I B M   CORPORATION 2002
LICENSED MATERIAL  -  PROGRAM PROPERTY OF I B M
```

1.2.416 GPL Notice:1 (416)

```
This software may be used and distributed according to the terms of the GNU General
Public License, incorporated herein by reference.
Original Copyright Notice:
Written/copyright 1999-2001 by Donald Becker.

This software may be used and distributed according to the terms of the GNU General
Public License (GPL), incorporated herein by reference.
```

Drivers based on or derived from this code fall under the GPL and must retain the
authorship, copyright and license notice. This file is not a complete program and may
only be used when the entire operating system is licensed under the GPL. License for
under other terms may be
available. Contact the original author for details.
The original author may be reached as becker@scyld.com, or at
Scyld Computing Corporation
410 Severn Ave., Suite 210
Annapolis MD 21403

Support information and updates available at http://www.scyld.com/network/netsemi.html

1.2.417 GPL Notice:2 (417)

This file is subject to the terms and conditions of the GNU General Public License.
See the file COPYING in the main directory of this archive for more details.

1.2.418 GPL Notice:3 (418)

Ported to U-Boot by Christian Pellegrin <chri@ascensit.com>

Based on sources from the Linux kernel (pcnet_cs.c, 8390.h) and eCOS(if_dp83902a.c,
if_dp83902a.h). Both of these 2 wonderful world are GPL, so this is, of course, GPL.

/* Generic NS8390 register definitions. */
/* This file is part of Donald Becker's 8390 drivers, and is distributed under the
same license. Auto-loading of 8390.o only in v2.2 - Paul G.
Some of these names and comments originated from the Crynwr packet drivers, which are
distributed under the GPL.

1.2.419 GPL Notice:4 (419)

This software falls under the GNU General Public License.

1.2.420 GPL-2.0 Notice with Disclaimer (420)

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
version 2 as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY
WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA
02110-1301 USA

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN
NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.421 LGPL-2.1 Notice:1 (421)

This program is free software; you can redistribute it and/or modify it under the
terms of the GNU Lesser General Public License version 2.1 as published by the Free
Software Foundation

1.2.422 LGPL-2.1 Notice2 (422)

```
This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License, version 2.1 as published by the Free Software Foundation.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or
FITNESS FOR A PARTICULAR PURPOSE.  See the GNU Lesser General Public License for more
details.

You should have received a copy of the GNU Lesser General Public License along with
this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street,
Fifth Floor, Boston, MA 02110-1301  USA
```

1.2.423 LGPL-2.1+ Notice (423)

```
SPDX-License-Identifier: LGPL-2.1+
```

1.2.424 LGPL-2.0+ Notice (424)

```
SPDX-License-Identifier: LGPL-2.0+
```

1.2.425 GPL-2.0+ Notice:1 (425)

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 or later of the License.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or
FITNESS FOR A PARTICULAR PURPOSE.  See the GNU General Public License for more
details.

You should have received a copy of the GNU General Public License along with this
program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth
Floor, Boston, MA, 02110-1301 USA
```

1.2.426 GPL-2.0+ Notice:4 (426)

```
Permission is hereby granted to copy, modify and redistribute this code in terms of
the GNU Library General Public License, Version 2 or later, at your option.
```

1.2.427 GPL-2.0+ Notice:5 (LZO library) (427)

```
The LZO library is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License as published by the Free
Software Foundation; either version 2 of the License, or (at your option) any later
version.
The LZO library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or
FITNESS FOR A PARTICULAR PURPOSE.  See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with the LZO
library; see the file COPYING.
If not, write to the Free Software Foundation, Inc.,
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
```

1.2.428 GPL-2.0+ Notice:6 (428)

```
This file is released under the terms of GPL v2 and any later version.
```

1.2.429 GPL-2.0+ Notice:7 (429)

```
SPDX-License-Identifier:        GPL-2.0+
```

1.2.430 GPL-2.0+ with special exception Notice (430)

```
This file contains an ECC algorithm from Toshiba that detects and corrects 1 bit
errors in a 256 byte block of data.
drivers/mtd/nand/nand_ecc.c

Copyright (C) 2000-2004 Steven J. Hill (sjhill@realitydiluted.com)
Toshiba America Electronics Components, Inc.
Copyright (C) 2006 Thomas Gleixner <tglx@linutronix.de>

SPDX-License-Identifier: GPL-2.0+

As a special exception, if other files instantiate templates or use macros or inline
functions from these files, or you compile these files and link them with other works
to produce a work based on these files, these files do not by themselves cause the
resulting work to be covered by the GNU General Public License. However the source
code for these files must still be made available in accordance with section (3) of
the GNU General Public License.
This exception does not invalidate any other reasons why a work based on this file
might be covered by the GNU General Public License.
```

1.2.431 eCos-2.0 Notice (431)

```
SPDX-License-Identifier: eCos-2.0
```

1.2.432 eCos- 2.0 (432)

```
Note that this license is not endorsed by the Free Software Foundation.
It is available here as a convenience to readers of [1]the license list.

The eCos license version 2.0

This file is part of eCos, the Embedded Configurable Operating System.
Copyright (C) 1998, 1999, 2000, 2001, 2002 Red Hat, Inc.

eCos is free software; you can redistribute it and/or modify it under
the terms of the GNU General Public License as published by the Free
Software Foundation; either version 2 or (at your option) any later
version.

eCos is distributed in the hope that it will be useful, but WITHOUT ANY
WARRANTY; without even the implied warranty of MERCHANTABILITY or
FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License
for more details.

You should have received a copy of the GNU General Public License along
with eCos; if not, write to the Free Software Foundation, Inc., 51
Franklin St, Fifth Floor, Boston, MA 02110-1301 USA.

As a special exception, if other files instantiate templates or use macros or inline
functions from this file, or you compile this file and  link it with other works to
produce a work based on this file, this file does not by itself cause the resulting
work to be covered by the GNU General Public License. However the source code for this
file must still be made available in accordance with section (3) of the GNU General
Public License.

This exception does not invalidate any other reasons why a work based on this file
might be covered by the GNU General Public License.

Alternative licenses for eCos may be arranged by contacting Red Hat,
Inc. at http://sources.redhat.com/ecos/ecos-license/
-------------------------------------------

####ECOSGPLCOPYRIGHTEND####
```

References

1. http://www.gnu.org/licenses/license-list.html

1.2.433 RHeCos-1.1 Notice (433)

The contents of this file are subject to the Red Hat eCos Public License Version 1.1 (the "Licence"); you may not use this file except in compliance with the Licence. You may obtain a copy of the Licence at http://www.redhat.com/

Software distributed under the Licence is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied.
See the Licence for the specific language governing rights and limitations under the Licence.

1.2.434 RHeCos-1.1 (434)

Red Hat eCos Public License v1.1
1. DEFINITIONS
1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.
1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.
1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.
1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.
1.5. "Executable" means Covered Code in any form other than Source Code.
1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.
1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.
1.8. "License" means this document.
1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:
A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.
B. Any new file that contains any part of the Original Code or previous Modifications.
1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.
1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or a list of source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.
1.12. "You" means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of fifty percent (50%) or more of the outstanding shares or beneficial ownership of such entity.
1.13. "Red Hat Branded Code" is code that Red Hat distributes and/or permits others to distribute under different terms than the Red Hat eCos Public License. Red Hat's Branded Code may contain part or all of the Covered Code.
2. SOURCE CODE LICENSE
2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

(a) to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, or as part of a Larger Work; and
(b) under patents now or hereafter owned or controlled by Initial Developer, to make, have made, use and sell ("Utilize") the Original Code (or portions thereof), but solely to the extent that any such patent is reasonably necessary to enable You to Utilize the Original Code (or portions thereof) and not to any greater extent that may be necessary to Utilize further Modifications or combinations.
2.2. Contributor Grant. Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:
(a) to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code or as part of a Larger Work; and
(b) under patents now or hereafter owned or controlled by Contributor, to Utilize the Contributor Version (or portions thereof), but solely to the extent that any such patent is reasonably necessary to enable You to Utilize the Contributor Version (or portions thereof), and not to any greater extent that may be necessary to Utilize further Modifications or combinations.
3. DISTRIBUTION OBLIGATIONS
3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.
3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available and to the Initial Developer; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party. You are responsible for notifying the Initial Developer of the Modification and the location of the Source if a contact means is provided. Red Hat will be acting as maintainer of the Source and may provide an Electronic Distribution mechanism for the Modification to be made available. You can contact Red Hat to make the Modification available and to notify the Initial Developer. (http://sourceware.cygnus.com/ecos/)
3.3. Description of Modifications. You must cause all Covered Code to which you contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.
3.4. Intellectual Property Matters
(a) Third Party Claims. If You have knowledge that a party claims an intellectual property right in particular functionality or code (or its utilization under this License), you must include a text file with the source code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If you obtain such knowledge after You make Your Modification available as described in Section 3.2, You shall promptly modify the LEGAL file in all copies You make available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.
(b) Contributor APIs. If Your Modification is an application programming interface and You own or control patents which are reasonably necessary to implement that API, you must also include this information in the LEGAL file.
3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code, and this License in any documentation for the Source Code, where You describe recipients' rights relating to Covered Code. If You created one or more Modification(s), You may add your name as a Contributor to the Source Code. If it is

not possible to put such notice in a particular Source Code file due to its structure, then you must include such notice in a location (such as a relevant directory file) where a user would be likely to look for such a notice. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code.
However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.
3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.
If you distribute executable versions containing Covered Code, you must reproduce the notice in Exhibit B in the documentation and/or other materials provided with the product.
3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.
4. INABILITY TO COMPLY DUE TO STATUTE OR REGULATION
If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; (b) cite the statute or regulation that prohibits you from adhering to the license; and (c) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it. You must submit this LEGAL file to Red Hat for review, and You will not be able use the covered code in any means until permission is granted from Red Hat to allow for the inability to comply due to statute or regulation.
5. APPLICATION OF THIS LICENSE
This License applies to code to which the Initial Developer has attached the notice in Exhibit A, and to related Covered Code.
Red Hat may include Covered Code in products without such additional products becoming subject to the terms of this License, and may license such additional products on different terms from those contained in this License.
Red Hat may license the Source Code of Red Hat Branded Code without Red Hat Branded Code becoming subject to the terms of this License, and may license Red Hat Branded Code on different terms from those contained in this License. Contact Red Hat for details of alternate licensing terms available.
6. VERSIONS OF THE LICENSE
6.1. New Versions. Red Hat may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.
6.2. Effect of New Versions. Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Red Hat. No one other than Red Hat has the right to modify the terms applicable to Covered Code beyond what is granted under this and subsequent Licenses.
6.3. Derivative Works. If you create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code

governed by this License), you must (a) rename Your license so that the phrases "ECOS", "eCos", "Red Hat", "RHEPL" or any confusingly similar phrase do not appear anywhere in your license and (b) otherwise make it clear that your version of the license contains terms which differ from the Red Hat eCos Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. TERMINATION

This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

9. LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO YOU OR ANY OTHER PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THAT EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. MISCELLANEOUS

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in, the United States of America: (a) unless otherwise agreed in writing, all disputes relating to this License (excepting any dispute relating to intellectual property rights) shall be subject to final and binding arbitration, with the losing party paying all costs of arbitration; (b) any arbitration relating to this Agreement shall be held in Santa Clara County, California, under the auspices of JAMS/EndDispute; and (c) any litigation relating to this Agreement shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. RESPONSIBILITY FOR CLAIMS

Except in cases where another Contributor has failed to comply with Section 3.4, You are responsible for damages arising, directly or indirectly, out of Your utilization of rights under this License, based on the number of copies of Covered Code you made available, the revenues you received from utilizing such rights, and other relevant

factors. You agree to work with affected parties to distribute responsibility on an equitable basis.
13. ADDITIONAL TERMS APPLICABLE TO THE RED HAT ECOS PUBLIC LICENSE
Nothing in this License shall be interpreted to prohibit Red Hat from licensing under different terms than this License any code which Red Hat otherwise would have a right to license.
Red Hat and logo - This License does not grant any rights to use the trademark Red Hat, the Red Hat logo, eCos logo, even if such marks are included in the Original Code. You may contact Red Hat for permission to display the Red Hat and eCos marks in either the documentation or the Executable version beyond that required in Exhibit B.
Inability to Comply Due to Contractual Obligation - To the extent that Red Hat is limited contractually from making third party code available under this License, Red Hat may choose to integrate such third party code into Covered Code without being required to distribute such third party code in Source Code form, even if such third party code would otherwise be considered "Modifications" under this License.
EXHIBIT A
"The contents of this file are subject to the Red Hat eCos Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.redhat.com/
Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.
The Original Code is eCos - Embedded Configurable Operating System, released September 30, 1998. The Initial Developer of the Original Code is Red Hat. Portions created by Red Hat are Copyright (C) 1998, 1999, 2000 Red Hat, Inc. All Rights Reserved."
EXHIBIT B
Part of the software embedded in this product is eCos - Embedded Configurable Operating System, a trademark of Red Hat. Portions created by Red Hat are Copyright (C) 1998, 1999, 2000 Red Hat, Inc. (http://www.redhat.com/). All Rights Reserved.
THE SOFTWARE IN THIS PRODUCT WAS IN PART PROVIDED BY RED HAT AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.435 GPL-2.0+ with special exception Notice (JFFS2) (435)

The files in this directory and elsewhere which refer to this LICENCE file are part of JFFS2, the Journalling Flash File System v2.
Copyright © 2001-2007 Red Hat, Inc. and others
JFFS2 is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 or (at your option) any later version.

JFFS2 is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with JFFS2; if not, write to the Free Software Foundation, Inc.,
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA.

As a special exception, if other files instantiate templates or use macros or inline functions from these files, or you compile these files and link them with other works to produce a work based on these files, these files do not by themselves cause the resulting work to be covered by the GNU General Public License. However the source code for
these files must still be made available in accordance with section (3) of the GNU General Public License.

This exception does not invalidate any other reasons why a work based on this file might be covered by the GNU General Public License.

1.2.436 Dual License -MPL-1.1 or GPL-2.0 (436)

```
The contents of this file are subject to the Mozilla Public License Version 1.1 (the
"License"); you may not use this file except in compliance with the License. You may
obtain a copy of the License at http://www.mozilla.org/MPL/
Software distributed under the License is distributed on an "AS IS" basis, WITHOUT
WARRANTY OF ANY KIND, either express or implied. See the License for the specific
language governing rights and limitations under the License.

The initial developer of the original code is David A. Hinds
<dahinds@users.sourceforge.net>.  Portions created by David A. Hinds are Copyright (C)
1999 David A. Hinds.  All Rights Reserved.
Alternatively, the contents of this file may be used under the
terms of the GNU General Public License version 2 (the "GPL"), in which case the
provisions of the GPL are applicable instead of the above.  If you wish to allow the
use of your version of this file only under the terms of the GPL and not to allow
others to use your version of this file under the MPL, indicate your decision by
deleting the provisions above and replace them with the notice and other provisions
required by the GPL.
If you do not delete the provisions above, a recipient may use your version of this
file under either the MPL or the GPL.
```

1.2.437 MPL-1.1 (437)

```
Mozilla Public License Version 1.1
1. Definitions.
1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code
available to a third party.
1.1. "Contributor" means each entity that creates or contributes to the creation of
Modifications.
1.2. "Contributor Version" means the combination of the Original Code, prior
Modifications used by a Contributor, and the Modifications made by that particular
Contributor.
1.3. "Covered Code" means the Original Code or Modifications or the combination of the
Original Code and Modifications, in each case including portions thereof.
1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the
software development community for the electronic transfer of data.
1.5. "Executable" means Covered Code in any form other than Source Code.
1.6. "Initial Developer" means the individual or entity identified as the Initial
Developer in the Source Code notice required by Exhibit A.
1.7. "Larger Work" means a work which combines Covered Code or portions thereof with
code not governed by the terms of this License.
1.8. "License" means this document.
1.8.1. "Licensable" means having the right to grant, to the maximum extent possible,
whether at the time of the initial grant or subsequently acquired, any and all of the
rights conveyed herein.
1.9. "Modifications" means any addition to or deletion from the substance or structure
of either the Original Code or any previous Modifications. When Covered Code is
released as a series of files, a Modification is:
Any addition to or deletion from the contents of a file containing Original Code or
previous Modifications.
Any new file that contains any part of the Original Code or previous Modifications.
1.10. "Original Code" means Source Code of computer software code which is described
in the Source Code notice required by Exhibit A as Original Code, and which, at the
time of its release under this License is not already Covered Code governed by this
License.
1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired,
including without limitation, method, process, and apparatus claims, in any patent
Licensable by grantor.
1.11. "Source Code" means the preferred form of the Covered Code for making
modifications to it, including all modules it contains, plus any associated interface
definition files, scripts used to control compilation and installation of an
Executable, or source code differential comparisons against either the Original Code
or another well known, available Covered Code of the Contributor's choice. The Source
Code can be in a compressed or archival form, provided the appropriate decompression
or de-archiving software is widely available for no charge.
1.12. "You" (or "Your") means an individual or a legal entity exercising rights under,
and complying with all of the terms of, this License or a future version of this
```

License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.
2. Source Code License.
2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:
a. under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and
b. under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).
c. the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.
d. Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.
2.2. Contributor Grant. Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license
a. under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and
b. under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).
c. the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.
d. Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.
3. Distribution Obligations.
3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.
3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.
3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the

Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.
3.4. Intellectual Property Matters
(a) Third Party Claims
If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.
(b) Contributor APIs
If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.
(c) Representations.
Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.
3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.
3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.
3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.
4. Inability to Comply Due to Statute or Regulation.
If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by

statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.
5. Application of this License.
This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.
6. Versions of the License.
6.1. New Versions
Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.
6.2. Effect of New Versions
Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.
6.3. Derivative Works
If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)
7. DISCLAIMER OF WARRANTY
COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.
8. Termination
8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.
8.2. If You initiate litigation by asserting a patent infringement claim (excluding declatory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:
a. such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.
b. any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.
8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.
9. LIMITATION OF LIABILITY
UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.
10. U.S. government end users
The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.
11. Miscellaneous
This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.
12. Responsibility for claims
As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.
13. Multiple-licensed code
Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.
Exhibit A - Mozilla Public License.
"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.mozilla.org/MPL/
Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.
The Original Code is _____.
The Initial Developer of the Original Code is _____.
Portions created by _____ are Copyright (C) _____
_____. All Rights Reserved.
Contributor(s): _____.
Alternatively, the contents of this file may be used under the terms of the _____ license (the "[___] License"), in which case the provisions of [_____] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [____] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [___] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [___] License."

NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.

1.2.438 Dual License-GPL-2.0 or RHeCos-1.1 (438)

Alternatively, the contents of this file may be used under the
terms of the GNU General Public License version 2 (the "GPL"), in which case the provisions of the GPL are applicable instead of the above. If you wish to allow the use of your version of this file only under the terms of the GPL and not to allow others to use your version of this file under the RHEPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL.
If you do not delete the provisions above, a recipient may use your version of this file under either the RHEPL or the GPL.

1.2.439 LGPL-2.1 (439)

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999
Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]
Preamble
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.
This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.
When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.
To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.
For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.
We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.
To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.
?
Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot

effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.
Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.
When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.
We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain
special circumstances.
For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it becomes
a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library to free
software only, so we use the Lesser General Public License.
In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.
Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.
The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order to run.
?
GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
0. This License Agreement applies to any software library or other
program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".
A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.
The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term "modification".)
"Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation

and installation of the library.
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.
1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
?
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.
?

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.
This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.
If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.
5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.
When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.
?
6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:
a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the

Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.
d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.
e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.
It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.
?
7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:
a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.
b) Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.
8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.
9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.
10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.
?
11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or

otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.
If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.
It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.
This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.
Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.
?
14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.
NO WARRANTY
15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A

FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.
END OF TERMS AND CONDITIONS
?
How to Apply These Terms to Your New Libraries
If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).
To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.
<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.
This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.
You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.
You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:
Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.2.440 LGPL-2.0 (440)

GNU LIBRARY GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some
specially designated Free Software Foundation software, and to any
other libraries whose authors decide to use it. You can use it for
your libraries, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for

this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.
These restrictions translate to certain responsibilities for you if
you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link a program with the library, you must provide
complete object files to the recipients so that they can relink them
with the library, after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright
the library, and (2) offer you this license which gives you legal
permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain
that everyone understands that there is no warranty for this free
library. If the library is modified by someone else and passed on, we
want its recipients to know that what they have is not the original
version, so that any problems introduced by others will not reflect on
the original authors' reputations.

Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that companies distributing free
software will individually obtain patent licenses, thus in effect
transforming the program into proprietary software. To prevent this,
we have made it clear that any patent must be licensed for everyone's
free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary
GNU General Public License, which was designed for utility programs. This
license, the GNU Library General Public License, applies to certain
designated libraries. This license is quite different from the ordinary
one; be sure to read it in full, and don't assume that anything in it is
the same as in the ordinary license.

The reason we have a separate public license for some libraries is that
they blur the distinction we usually make between modifying or adding to a
program and simply using it. Linking a program with a library, without
changing the library, is in some sense simply using the library, and is
analogous to running a utility program or application program. However, in
a textual and legal sense, the linked executable is a combined work, a
derivative of the original library, and the ordinary General Public License
treats it as such.

Because of this blurred distinction, using the ordinary General
Public License for libraries did not effectively promote software
sharing, because most developers did not use the libraries. We
concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the
users of those programs of all benefit from the free status of the
libraries themselves. This Library General Public License is intended to
permit developers of non-free programs to use free libraries, while
preserving your freedom as a user of such programs to change the free
libraries that are incorporated in them. (We have not seen how to achieve
this as regards changes in header files, but we have achieved it as regards
changes in the actual functions of the Library.) The hope is that this
will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

GNU LIBRARY GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extent to the
entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a

medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

d) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the source code distributed need not include anything that is normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

b) Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library

subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing

and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library General Public
License as published by the Free Software Foundation; either
version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Library General Public License for more details.

You should have received a copy of the GNU Library General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.2.441 BSD-2-Clause (441)

Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this
list of conditions and the following disclaimer in the documentation and/or other
materials provided with the distribution.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS `AS IS'
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

1.2.442 BSD-2-Clause Notice:1 (442)

This file was originally taken from the FreeBSD project.
SPDX-License-Identifier: BSD-2-Clause

1.2.443 BSD-2-Clause Notice:2 (443)

Licensed under the 2-clause BSD.

1.2.444 BSD-3-Clause (The Linux Foundation) (444)

Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:
Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of
conditions and the following disclaimer in the documentation and/or other materials
provided with the distribution.

Neither the name of The Linux Foundation nor the names of its contributors may be
used to endorse or promote
products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NON-INFRINGEMENT ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.445 BSD-3-Clause (Altera Corporation) (445)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:
- Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
- Neither the name of the Altera Corporation nor the
names of its contributors may be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL ALTERA CORPORATION BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.446 BSD-3-Clause (446)

```
Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of
conditions, and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce the above copyright notice, this list
of conditions and the following disclaimer in the documentation and/or other materials
provided with the distribution.
3. The names of the above-listed copyright holders may not be used to endorse or
promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.447 BSD-3-Clause Like (Intel Corporation) (447)

```
Redistribution and use in binary form, without modification, are permitted provided
that the following conditions are met:
.Redistributions must reproduce the above copyright notice and the following
disclaimer in the documentation and/or other materials provided with the distribution.
.Neither the name of Intel Corporation nor the names of its suppliers may be used to
endorse or promote products derived from this software without specific prior
written permission.
.No reverse engineering, decompilation, or disassembly of this software is permitted.
."Binary form" includes any format commonly used for electronic conveyance which is a
reversible, bit-exact translation of binary representation to ASCII or ISO text, for
example, "uuencode."
DISCLAIMER. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT
HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER
OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
```

```
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.2.448 BSD-Like Notice (448)

```
Copyright (c) 2001 William L. Pitts
All rights reserved.

Redistribution and use in source and binary forms are freely permitted provided that
the above copyright notice and this paragraph and the following disclaimer are
duplicated in all such forms.

This software is provided "AS IS" and without any express or implied warranties,
including, without limitation, the implied warranties of merchantability and fitness
for a particular purpose.
```

1.2.449 Python-2.4 Notice (449)

```
Copyright (c) 2012 The Chromium OS Authors.
Use of this source code is governed by a BSD-style license that can be found in the
LICENSE file.

Copyright (c) 2003-2005 by Peter Astrand astrand@lysator.liu.se
Licensed to PSF under a Contributor Agreement.
See http://www.python.org/2.4/license  for licensing details.
```

1.2.450 Python-2.4 (450)

```
PSF LICENSE AGREEMENT FOR PYTHON 2.4
------------------------------------

1. This LICENSE AGREEMENT is between the Python Software Foundation
("PSF"), and the Individual or Organization ("Licensee") accessing and
otherwise using Python 2.4 software in source or binary form and its
associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF
hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce,
analyze, test, perform and/or display publicly, prepare derivative works, distribute,
and otherwise use Python 2.4 alone or in any derivative version, provided, however,
that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001,
2002, 2003, 2004 Python Software Foundation; All Rights Reserved" are retained in
Python 2.4 alone or in any derivative version prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on or incorporates
Python 2.4 or any part thereof, and wants to make the derivative work available to
others as provided herein, then Licensee hereby agrees to include in any such work a
brief summary of the changes made to Python 2.4.

4. PSF is making Python 2.4 available to Licensee on an "AS IS" basis.  PSF MAKES NO
REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED.  BY WAY OF EXAMPLE, BUT NOT
LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF
MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 2.4
WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 2.4 FOR ANY
INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING,
DISTRIBUTING, OR OTHERWISE USING PYTHON 2.4, OR ANY DERIVATIVE THEREOF, EVEN IF
ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material
breach of its terms and conditions.
```

7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and
Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Python 2.4, Licensee agrees to be bound by the terms and conditions of this License Agreement.

1.2.451 ADI BSD license Notice (451)

Copyright 2004-2011 Analog Devices Inc.
Licensed under the ADI BSD license.

1.2.452 ADI BSD (452)

Copyright (c) Analog Devices, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Analog Devices, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
- The use of this software may or may not infringe the patent rights of one or more patent holders. This license does not release you from the requirement that you obtain separate licenses from these patent holders to use this software.

THIS SOFTWARE IS PROVIDED BY ANALOG DEVICES "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ANALOG DEVICES BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, INTELLECTUAL PROPERTY RIGHTS, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.2.453 BSD-3-Clause Notice (453)

Copyright (C) 2008 Advanced Micro Devices, Inc.
Copyright (C) 2009 coresystems GmbH

SPDX-License-Identifier: BSD-3-Clause

1.2.454 Dual License- BSD-style or GPL-2.0 (454)

Use of this source code is governed by a BSD-style license that can be found in the LICENSE file.
Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2 as published by the Free Software Foundation.

1.2.455 Intel Notice (455)

SPDX-License-Identifier: Intel

1.2.456 Intel (456)

```
Intel Open Source License
Copyright (c) 1996-2000 Intel Corporation All rights reserved.
Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:
```

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT
SHALL THE INTEL OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
EXPORT LAWS: THIS LICENSE ADDS NO RESTRICTIONS TO THE EXPORT LAWS OF YOUR
JURISDICTION. It is licensee's responsibility to comply with any export regulations
applicable in licensee's jurisdiction. Under CURRENT (May 2000) U.S. export
regulations this software is eligible for export from the U.S. and can be downloaded
by or otherwise exported or reexported worldwide EXCEPT to U.S. embargoed destinations
which include Cuba, Iraq, Libya, North Korea, Iran, Syria, Sudan, Afghanistan and any
other country to which the U.S. has embargoed goods and services.
```

1.2.457 ISC Notice (457)

```
SPDX-License-Identifier: ISC

Author: Ulf Magnusson
https://github.com/ulfalizer/Kconfiglib
This is Kconfiglib, a Python library for scripting, debugging, and extracting
information from Kconf ...
```

1.2.458 ISC (458)

```
Permission to use, copy, modify, and/or distribute this software for any purpose with
or without fee is hereby granted, provided that the above copyright notice and this
permission notice appear in all copies.
THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE
FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR
ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF
THIS SOFTWARE.
```

1.2.459 Permission Notice:1 (459)

```
This package is free software;  you can redistribute it and/or modify it under the
terms of the license found in the file named COPYING that should have accompanied this
file.

THIS PACKAGE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.460 Permission Notice:2 (460)

```
Permission to use, copy, modify, distribute, and sell this software and its
documentation for any purpose is hereby granted without fee, provided that the above
copyright notice appear in all copies and that both that copyright notice and this
permission notice appear in supporting documentation, and that the name of the authors
not be used in advertising or publicity pertaining to distribution of the software
without specific, written prior permission.  The authors makes no representations
about the suitability of this software for any purpose.
It is provided "as is" without express or implied warranty.
THE AUTHORS DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,
INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO
EVENT SHALL THE AUTHORS BE LIABLE FOR ANY SPECIAL, INDIRECT OR
CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF
USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR
OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
PERFORMANCE OF THIS SOFTWARE.
```

1.2.461 Permission Notice:3 (461)

```
This is free software; you can redistribute it and/or modify
it as you like.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or
FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.462 Public Domain Notice(HP) (462)

```
THIS SOFTWARE IS NOT COPYRIGHTED
HP offers the following for use in the public domain.  HP makes no warranty with
regard to the software or its performance and the  user accepts the software "AS IS"
with all faults.
HP DISCLAIMS ANY WARRANTIES, EXPRESS OR IMPLIED, WITH REGARD TO THIS SOFTWARE
INCLUDING BUT NOT LIMITED TO THE WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
```

1.2.463 Public Domain Notice:2 (463)

```
Copyright (C) 1999 Niibe Yutaka
But consider these trivial functions to be public domain.
from linux kernel code.
```

1.2.464 Public Domain Notice:3 (464)

```
Copyright (C) 1999 Niibe Yutaka
But consider these trivial functions to be public domain.
```

1.2.465 Public Domain Notice:4 (465)

```
A version of malloc/free/realloc written by Doug Lea and released to the public
domain.  Send questions/comments/complaints/performance data
to dl@cs.oswego.edu
```

1.2.466 Public Domain Notice:5 (466)

```
Created by Kenneth Albanowski.
No rights reserved, released to the public domain.
```

1.2.467 Public Domain Notice:6 (467)

```
advanced encryption standard
author: karl malbrain, malbrain@yahoo.com

This work, including the source code, documentation
and related data, is placed into the public domain.
```

The orginal author is Karl Malbrain.

THIS SOFTWARE IS PROVIDED AS-IS WITHOUT WARRANTY OF ANY KIND, NOT EVEN THE IMPLIED WARRANTY OF MERCHANTABILITY. THE AUTHOR OF THIS SOFTWARE, ASSUMES _NO_ RESPONSIBILITY FOR ANY CONSEQUENCE RESULTING FROM THE USE, MODIFICATION, OR REDISTRIBUTION OF THIS SOFTWARE.

1.2.468 Public Domain Notice:7 (468)

This code was written by Colin Plumb in 1993, no copyright is claimed.
This code is in the public domain; do with it what you wish.

1.2.469 Public Domain Notice:8 (469)

public domain code snippet, lifted from
http://www-graphics.stanford.edu/~seander/bithacks.html

1.2.470 Public Domain Notice:9 (470)

This code is derived from a public domain shell sort routine by Ray Gardner and found in Bob Stout's snippets collection. The original code is included below in an #if 0/#endif block.

1.2.471 Public Domain Notice:10 (471)

LzmaDec.c -- LZMA Decoder
2009-09-20 : Igor Pavlov : Public domain

1.2.472 Public Domain Notice:11 (472)

LICENSE

LZMA SDK is written and placed in the public domain by Igor Pavlov.

1.2.473 Public Domain Notice:12 (473)

That, in turn, is based in part on ladsh.c, by Michael K. Johnson and
Erik W. Troan, which they placed in the public domain.

1.2.474 Public Domain Notice:14 (474)

Based on code whose Original Author and Copyright
information follows: Copyright (c) 1998 by Michael
Barr. This software is placed into the public
domain and may be used for any purpose. However,
this notice must not be changed or removed and no
warranty is either expressed or implied by its
publication or distribution.

1.2.475 Bzip2 (475)

This file is a modified version of bzlib.h from the bzip2-1.0.2
distribution which can be found at http://sources.redhat.com/bzip2/

This file is a part of bzip2 and/or libbzip2, a program and
library for lossless, block-sorting data compression.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

```
3. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
4. The name of the author may not be used to endorse or promote products derived from
this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.  IN
NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
OF SUCH DAMAGE.
```

1.2.476 Beerware (476)

```
"THE BEER-WARE LICENSE" (Revision 42):
Sergey Lyubka wrote this file.  As long as you retain this notice you can do whatever
you want with this stuff. If we meet some day, and you think
this stuff is worth it, you can buy me a beer in return.
```

1.2.477 IBM copyright Notice (477)

```
This source code has been made available to you by IBM on an AS-IS basis.  Anyone
receiving this source is licensed under IBM copyrights to use it in any way he or she
deems fit, including copying it, modifying it, compiling it, and redistributing it
either with or without modifications.  No license under IBM patents or patent
applications is to be implied by the copyright license.
Any user of this software should understand that IBM cannot provide technical support
for this software and will not be responsible for any consequences resulting from the
use of this software.
Any person who transfers this source code or any derivative work must include the IBM
copyright notice, this paragraph, and the preceding two paragraphs in the transferred
software.
COPYRIGHT   I B M   CORPORATION 1997
LICENSED MATERIAL  -  PROGRAM PROPERTY OF I B M
```

1.2.478 Dual License-GPL-2.0+ or BSD-2-Clause (478)

```
SPDX-License-Identifier: GPL-2.0+ BSD-2-Clause
```

1.2.479 Dual License-GPL-2.0+ or BSD-3-Clause (479)

```
SPDX-License-Identifier:   GPL-2.0+ BSD-3-Clause
```

1.2.480 Dual License-GPL or BSD (480)

```
.libfdt is dual licensed: you can use it either under the terms of
the GPL, or the BSD license, at your option.
```

1.2.481 Dual License - GPL-2.0 or GPL- 3.0 (481)

```
SPDX-License-Identifier: GPL-2.0 OR GPL-3.0
```

1.2.482 GPL-2.0 (482)

```
# This file is distributed under the same license as the util-linux package.
```

1.2.483 GPL-2.0+-with autoconf exception (483)

```
dnl This program is free software; you can redistribute it and/or modify
dnl it under the terms of the GNU General Public License as published by
dnl the Free Software Foundation; either version 2 of the License, or
dnl (at your option) any later version.
dnl
```

```
dnl This program is distributed in the hope that it will be useful, but
dnl WITHOUT ANY WARRANTY; without even the implied warranty of
dnl MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
dnl General Public License for more details.
dnl
dnl You should have received a copy of the GNU General Public License
dnl along with this program; if not, write to the Free Software
dnl Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA
dnl 02111-1307, USA.
dnl
dnl As a special exception to the GNU General Public License, if you
dnl distribute this file as part of a program that contains a
dnl configuration script generated by Autoconf, you may include it under
dnl the same distribution terms that you use for the rest of that
dnl program.
```

1.2.484 GPL-2.0+-with-libtool-exception (484)

```
# GNU Libtool is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# As a special exception to the GNU General Public License,
# if you distribute this file as part of a program or library that
# is built using GNU Libtool, you may include this file under the
# same distribution terms that you use for the rest of that program.
#
# GNU Libtool is distributed in the hope that it will be useful, but
# WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
# General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program.  If not, see <http://www.gnu.org/licenses/>.
```

1.2.485 GPL-2.0+-with-libtool-exception (485)

```
# GNU Libtool is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of of the License, or
# (at your option) any later version.
#
# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program or library that is built
# using GNU Libtool, you may include this file under the same
# distribution terms that you use for the rest of that program.
#
# GNU Libtool is distributed in the hope that it will be useful, but
# WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with # this program. If not, see <http://www.gnu.org/licenses/>.
```

1.2.486 MIT-style (486)

```
# This file can be copied and used freely without restrictions.  It can
# be used in projects which are not available under the GNU General Public
# License but which still want to provide support for the GNU gettext
# functionality.
# Please note that the actual code of GNU gettext is covered by the GNU
# General Public License and is *not* in the public domain.
```

1.2.487 GPL-3.0+-with-bison-exception (487)

```
This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>. */

/* As a special exception, you may create a larger work that contains
part or all of the Bison parser skeleton and distribute that work
under terms of your choice, so long as that work isn't itself a
parser generator using the skeleton or a modified version thereof
as a parser skeleton. Alternatively, if you modify or redistribute
the parser skeleton itself, you may (at your option) remove this
special exception, which will cause the skeleton and the resulting
Bison output files to be licensed under the GNU General Public
License without this special exception.

This special exception was added by the Free Software Foundation in
version 2.2 of Bison. */
```

1.2.488 LGPL-2.0 (488)

```
is available under the terms of the GNU Library General Public License (LGPL),
version 2 (or at your discretion any later version).
```

1.2.489 GPL-2.0+-with-linking-exception-1 (489)

```
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public License is intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users. This General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to using it. (Some
other Free Software Foundation software is covered by the GNU Lesser General Public
License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for this service if you wish), that you receive
source code or can get it if you want it, that you can change the software or use
pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you
these rights or to ask you to surrender the rights. These restrictions translate to
certain responsibilities for you if you distribute copies of the software, or if you
modify it.
```

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive

but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not

impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

As a special exception, if other files instantiate generics from this unit, or you link this unit with other files to produce an executable, this unit does not by itself cause the resulting executable to be covered by the GNU General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU Public License.

1.2.490 info-zip (490)

Copyright (c) 1990-2009 Info-ZIP. All rights reserved.

For the purposes of this copyright and license, "Info-ZIP" is defined as the following set of individuals:

Mark Adler, John Bush, Karl Davis, Harald Denker, Jean-Michel Dubois, Jean-loup Gailly, Hunter Goatley, Ed Gordon, Ian Gorman, Chris Herborth, Dirk Haase, Greg Hartwig, Robert Heath, Jonathan Hudson, Paul Kienitz, David Kirschbaum, Johnny Lee, Onno van der Linden, Igor Mandrichenko, Steve P. Miller, Sergio Monesi, Keith Owens, George Petrov, Greg Roelofs, Kai Uwe Rommel, Steve Salisbury, Dave Smith, Steven M. Schweda, Christian Spieler, Cosmin Truta, Antoine Verheijen, Paul von Behren, Rich Wales, Mike White.

This software is provided "as is," without warranty of any kind, express or implied. In no event shall Info-ZIP or its contributors be held liable for any direct, indirect, incidental, special or consequential damages arising out of the use of or inability to use this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the above disclaimer and the following restrictions:

* Redistributions of source code (in whole or in part) must retain the above copyright notice, definition, disclaimer, and this list of conditions.

* Redistributions in binary form (compiled executables and libraries) must reproduce the above copyright notice, definition, disclaimer, and this list of conditions in documentation and/or other materials provided with the distribution. Additional documentation is not needed for executables where a command line license option provides these and a note regarding this option is in the executable's startup banner. The sole exception to this condition is redistribution of a standard UnZipSFX binary (including SFXWiz) as part of a self-extracting archive; that is permitted without inclusion of this license, as long as the normal SFX banner has not been removed from the binary or disabled.

* Altered versions--including, but not limited to, ports to new operating systems, existing ports with new graphical interfaces, versions with modified or added functionality, and dynamic, shared, or static library versions not from Info-ZIP--must be plainly marked as such and must not be misrepresented as being the original source or, if binaries, compiled from the original source. Such altered versions also must not be misrepresented as being Info-ZIP releases--including, but not limited to, labeling of the altered versions with the names "Info-ZIP" (or any variation thereof, including, but not limited to, different capitalizations), "Pocket UnZip," "WiZ" or "MacZip" without the explicit permission of Info-ZIP. Such altered versions are further prohibited from misrepresentative use of the Zip-Bugs or Info-ZIP e-mail addresses or the Info-ZIP URL(s), such as to imply Info-ZIP will provide support for the altered versions.

* Info-ZIP retains the right to use the names "Info-ZIP," "Zip," "UnZip," "UnZipSFX," "WiZ," "Pocket UnZip," "Pocket Zip," and "MacZip" for its own source and binary releases.

1.2.491 Permission Notice (491)

```
The code is provided "as is", with the permission to use, copy, modify, distribute and
sell it for any purpose without fee.
```

1.2.492 Permission Notice (492)

```
Permission to use, copy, modify, distribute and sell this software and its
documentation for any purpose is hereby granted without fee,
provided that the above copyright notice appear in all copies and
that both that copyright notice and this permission notice appear
in supporting documentation. Christian Michelsen Research ASmakesno
representations about the suitability of this software for any
purpose. It is provided "asis" without express or implied warranty.
```

1.2.493 Permission Notice (493)

```
Permission is granted to copy and distribute this document for any purpose and without
charge, including translations into other languages and incorporation into
compilations, provided that the copyright notice and this notice are preserved, and
that any substantive changes or deletions from the original are clearly marked.
```

1.2.494 Public-domain (494)

```
Not copyrighted -- provided to the public domain
```

1.2.495 BSD-3-Clause (495)

```
This is free software; you can redistribute it and/or modify it under the terms of the
BSD License. Use by owners of Che Guevarra parafernalia is prohibited, where possible,
and highly discouraged elsewhere.
```

2. abt-inside SVS400

2.1 Third Party Software Components

2.1.1 @angular/animations 7.1.4

2.1.1.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.1.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.2 @angular/cdk 7.1.1

2.1.2.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.2.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.3 @angular/common 7.1.4

2.1.3.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.3.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.4 @angular/compiler 7.1.4

2.1.4.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.4.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.5 @angular/forms 7.1.4

2.1.5.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.5.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.6 @angular/http 7.1.4

2.1.6.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.6.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.7 @angular/platform-browser 7.1.4

2.1.7.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.7.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.8 @angular/platform-browser-dynamic 7.1.4

2.1.8.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.8.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.9 @angular/router 7.1.4

2.1.9.1 Copyrights

Copyright (c) Google, Inc.
Copyright (c) Tiernan Cridland

2.1.9.2 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)

2.1.10 @ngx-translate/core 11.0.1

2.1.10.1 Copyrights

Copyright (c) 2018 Olivier Combe

2.1.10.2 Licenses

GPL-3.0 (3)

2.1.11 @ngx-translate/http-loader 4.0.0

2.1.11.1 Copyrights

Copyright (c) 2018 Olivier Combe

2.1.11.2 Licenses

GPL-3.0 (3)

2.1.12 angular core 7.1.4

2.1.12.1 Copyrights

Copyright (c) 2014-2017 Google, Inc. http://angular.io

2.1.12.2 Licenses

Apache-2.0 (1)

2.1.13 bignumber.js 9.0.1

2.1.13.1 Copyrights

Copyright © 2020 Michael Mclaughlin
Copyright IBM Corporation, 1996-2000 . All Rights Reserved.
Copyright (c) IBM Corporation 1996, 2000. All rights reserved.
Copyright (c) 2020 Michael Mclaughlin <M8ch88l@gmail.com>
Copyright (c) 2012 Daniel Trebbien and other contributors
Copyright (c) 2003 STZ-IDA and PTV AG, Karlsruhe, Germany
Copyright (c) 1995-2001 International Business Machines Corporation and others

2.1.13.2 Licenses

GPL-3.0 (3)
Apache-2.0 Notice-1 (4)
BSD-3-Clause (5)
Zlib (6)

2.1.14 bootstrap-sass-3.4.1.zip

2.1.14.1 Copyrights

Copyright (c) 2011-2019 Twitter, Inc.
Copyright (c) 2011-2016 The Bootstrap Authors

2.1.14.2 Licenses

Apache-2.0 Notice-2 (7)
Zlib (6)

2.1.15 buffer 5.7.1

2.1.15.1 Copyrights

Copyright (c) Feross Aboukhadijeh, and other contributors.

2.1.15.2 Licenses

Apache-2.0 Notice-3 (8)

2.1.16 classList.js 1.1.20150312

2.1.16.1 Licenses

PHP License 3.0.1-Notice (9)

2.1.17 core js 2.6.12

2.1.17.1 Copyrights

Copyright (c) 2010-2012 Robert Kieffer
© 2019-2020 Denis Pushkarev
copyright © 2019-2020 Denis Pushkarev (zloirock.ru)
Copyright Paul Johnston 2000 - 2002. Other contributors: Greg Holt, Andrew Kepert, Ydnar, Lostinet
Copyright Joyent, Inc. and other Node contributors.
Copyright Angel Marin, Paul Johnston 2000 - 2009. Other contributors: Greg Holt, Andrew Kepert, Ydnar, Lostinet
Copyright (c) 2014-2020 Denis Pushkarev
Copyright (c) 2012-2013 Maximilian Antoni
Copyright (c) 2010-2013 Christian Johansen
Copyright (C) Paul Johnston 1999 - 2002. Other contributors: Greg Holt, Andrew Kepert, Ydnar, Lostinet

2.1.17.2 Licenses

Apache-2.0 Notice-3 (8)
PHP License-3.01 (10)

2.1.18 crypto-js 3.1.6

2.1.18.1 Copyrights

Copyright (c) 2013-2016 Evan Vosberg
Copyright (c) 2009-2013 Jeff Mott
Copyright (c) 2012 by Cédric Mesnil. All rights reserved.

2.1.18.2 Licenses

GPL-3.0 (3)
Apache-2.0 Notice-4 (11)

2.1.19 lodash 4.17.21

2.1.19.1 Copyrights

Copyright OpenJS Foundation and other contributors
Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright 2009, The Dojo Foundation
Copyright (c) 2010-2016 Jeremy Ashkenas, DocumentCloud
Copyright (c) 2010-2011 Marcus Westin
Copyright (c) 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright (c) 2007, Parakey Inc. All rights reserved.
Copyright (c) 2007, Parakey Inc.

Copyright (c) 2006, Yahoo! Inc. All rights reserved.
(c) 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

2.1.19.2 Licenses

GPL-3.0 (3)
LGPL-2.1+ (12)
GPL-2.0+ Notice (13)

2.1.20 ngx-bootstrap 5.6.2

2.1.20.1 Copyrights

Copyright (c) JS Foundation and other contributors
Copyright Â© Nicolas Gallagher and Jonathan Neal
copyright ngrx
copyright ng-bootstrap
copyright Valor Software
copyright Federico Zivolo and contributors
copyright Angular ng-bootstrap team
Copyright Google LLC All Rights Reserved.
Copyright Google Inc. All Rights Reserved.
Copyright 2011-2018 Twitter, Inc.
Copyright 2011-2018 The Bootstrap Authors
Copyright (c) moment/moment
Copyright (c) Valor Software
Copyright (c) Dmitriy Shekhovtsov<valorkin@gmail.com>
Copyright (c) 2017 Google, Inc
Copyright (c) 2015-2017 Valor Software
Copyright (c) 2015-2017 Dmitriy Shekhovtsov<valorkin@gmail.com>
Copyright (c) 2015-2016 Angular ng-bootstrap team
Copyright (c) 2015 ngrx

2.1.20.2 Acknowledgements

5. Representations, Warranties and Disclaimer
a. By offering the Work for public release under this License, Licensor represents and warrants that, to the best of Licensor's knowledge after reasonable inquiry:
i. Licensor has secured all rights in the Work necessary to grant the license rights hereunder and to permit the lawful exercise of the rights granted hereunder without You having any obligation to pay any royalties, compulsory license fees, residuals or any other payments;
ii.The Work does not infringe the copyright, trademark, publicity rights, common law rights or any other right of any third party or constitute defamation, invasion of privacy or other tortious injury to any third party.
b. EXCEPT AS EXPRESSLY STATED IN THIS LICENSE OR OTHERWISE AGREED IN WRITING OR REQUIRED BY
APPLICABLE LAW, THE WORK IS LICENSED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OF ANY KIND,
EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES REGARDING THE CONTENTS
OR ACCURACY OF THE WORK.
6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, AND EXCEPT FOR DAMAGES
ARISING FROM LIABILITY TO A THIRD PARTY RESULTING FROM BREACH OF THE WARRANTIES IN SECTION 5, IN

NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL,
PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS
BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

5. Representations, Warranties and Disclaimer
a. By offering the Work for public release under this License, Licensor represents and warrants that, to the best of Licensor's knowledge after reasonable inquiry:
i. Licensor has secured all rights in the Work necessary to grant the license rights hereunder and to permit the lawful exercise of the rights granted hereunder without You having any obligation to pay any royalties, compulsory license fees, residuals or any other payments;
ii.The Work does not infringe the copyright, trademark, publicity rights, common law rights or any other right of any third party or constitute defamation, invasion of privacy or other tortious injury to any third party.
b. EXCEPT AS EXPRESSLY STATED IN THIS LICENSE OR OTHERWISE AGREED IN WRITING OR REQUIRED BY
APPLICABLE LAW, THE WORK IS LICENSED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OF ANY KIND,
EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES REGARDING THE CONTENTS
OR ACCURACY OF THE WORK.
6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, AND EXCEPT FOR DAMAGES
ARISING FROM LIABILITY TO A THIRD PARTY RESULTING FROM BREACH OF THE WARRANTIES IN SECTION 5, IN
NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL,
PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS
BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

2.1.20.3 Licenses

GPL-3.0 (3)
GPL-2.0 (14)

2.1.21 ngx-cookie-service 1.0.10

2.1.21.1 Copyrights

Copyright (c) 2017 7leads GmbH

2.1.21.2 Licenses

GPL-3.0 (3)

2.1.22 rxjs 6.3.3

2.1.22.1 Copyrights

Copyright (c) Zeno Rocha
Copyright (c) 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors
Copyright (c) 2006, 2014-2018 Google, Inc. All Rights Reserved.
Copyright (c) 2007 Steven Levithan <stevenlevithan.com>

2.1.22.2 Licenses

Zlib (6)
GPL-2.0 (15)
GPL-2.0 Notice 1 (16)

2.1.23 siemens-thrift-nodejs-patch 0.10.0

2.1.23.1 Copyrights

Copyright(c) 2011 Einar Otto Stangvik <einaros@gmail.com>
Copyright 2013, NAN contributors: Rod Vagg <https://github.com/rvagg> Benjamin Byholm <https://github.com/kkoopa> Trevor Norris <https://github.com/trevnorris> Nathan Rajlich <https://github.com/TooTallNate> Brett Lawson <https://github.com/brett19> Ben Noordhuis
Copyright 2009â€“ 2014 Kristopher Michael Kowal. All rights reserved.
Copyright 2009â€“ 2014 Kristopher Michael Kowal
Copyright 2009-2012 Kris Kowal
Copyright 2007-2009 Tyler Close
Copyright (c) 2014 NAN contributors: Rod Vagg <https://github.com/rvagg> Benjamin Byholm <https://github.com/kkoopa> Trevor Norris <https://github.com/trevnorris> Nathan Rajlich <https://github.com/TooTallNate> Brett Lawson <https://github.com/brett19> Ben N
Copyright (c) 2014 NAN contributors
Copyright (c) 2011 TJ Holowaychuk
Copyright (c) 2011 Einar Otto Stangvik einaros@gmail.com
Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>
Copyright (C) 2011 Google Inc.

2.1.23.2 Licenses

Zlib (6)
GPL-2.0 Notice 2 (17)
Apache-2.0 Notice-3 (8)

2.1.24 url-polyfill 1.1.8

2.1.24.1 Copyrights

Copyright (c) 2017 Valentin Richard

2.1.24.2 Licenses

Apache-2.0 Notice-3 (8)

2.1.25 web-animations-js 2.3.2

2.1.25.1 Copyrights

Copyright(c) 2013 jake luer <jake@alogicalparadox.com>
Copyright(c) 2013 Jake Luer <jake@qualiancy.com>
Copyright(c) 2011-2014 Jake Luer <jake@alogicalparadox.com>
Copyright(c) 2011 TJ Holowaychuk <tj@vision-media.ca>
Copyright 2014-2016 Google Inc.
Copyright (c) 2011-2014 TJ Holowaychuk <tj@vision-media.ca>
Copyright (C) 2013 Google Inc.

2.1.25.2 Licenses

Zlib (6)
Public Domain Notice (18)

Apache-2.0 Notice-3 (8)

2.1.26 zone.js 0.8.29

2.1.26.1 Copyrights

Copyright (c) Google Inc. All Rights Reserved.
Copyright (c) 2016-2018 Google, Inc.

2.1.26.2 Licenses

GPL-3.0 (3)

2.2 Licenses

2.2.1 MIT (1)

```
The MIT License
Copyright (c) 2014-2017 Google, Inc. http://angular.io
Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.
```

2.2.2 ISC (2)

```
Permission to use, copy, modify, and/or distribute this software for any purpose with
or without
fee is hereby granted, provided that the above copyright notice and this permission
notice appear in all
copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD
TO THIS
SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT
SHALL THE
AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY
DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF
CONTRACT,
NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
PERFORMANCE OF THIS SOFTWARE.
```

2.2.3 MIT (3)

```
Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:
```

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

2.2.4 ICU (4)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

2.2.5 ICU (5)

ICU4J license - ICU4J 1.3.1 and later
COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2001 International Business Machines Corporation and others

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

2.2.6 Apache-2.0 (6)

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/ TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work,

provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

2.2.7 MIT (7)

MIT License Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.2.8 MIT (8)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.2.9 Public Domain &#65533; Unlicense (9)

This is free and unencumbered software released into the public domain.
Anyone is free to copy, modify, publish, use, compile, sell, or
distribute this software, either in source code form or as a compiled
binary, for any purpose, commercial or non-commercial, and by any
means.
In jurisdictions that recognize copyright laws, the author or authors
of this software dedicate any and all copyright interest in the
software to the public domain. We make this dedication for the benefit
of the public at large and to the detriment of our heirs and
successors. We intend this dedication to be an overt act of
relinquishment in perpetuity of all present and future rights to this

software under copyright law.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR
OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,
ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.
For more information, please refer to <http://unlicense.org/>

2.2.10 BSD-3-Clause (10)

Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer. Redistributions in binary form must reproduce
the above copyright notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the distribution.

Neither the name of the author nor the names of its contributors may be used to
endorse or promote products derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT
SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.

2.2.11 BSD-2-Clause (11)

Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of
conditions and the following disclaimer in the documentation and/or other materials
provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT
SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.

2.2.12 BSD-3-Clause (12)

Redistribution and use of this software in source and binary forms, with or without
modification,
are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above
copyright notice, this list of conditions and the
following disclaimer.

```
* Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the
following disclaimer in the documentation and/or other
materials provided with the distribution.

* Neither the name of Mozilla Foundation nor the names of its
contributors may be used to endorse or promote products
derived from this software without specific prior
written permission of Mozilla Foundation.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER
OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER
IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN
ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

2.2.13 BSD-3-Clause (13)

```
Redistribution and use of this software in source and binary forms, with or without
modification,
are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above
copyright notice, this list of conditions and the
following disclaimer.

* Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the
following disclaimer in the documentation and/or other
materials provided with the distribution.

* Neither the name of Parakey Inc. nor the names of its
contributors may be used to endorse or promote products
derived from this software without specific prior
written permission of Parakey Inc.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER
OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER
IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN
ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

2.2.14 CC-BY-3.0 (14)

Creative Commons Attribution 3.0 Unported CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

a. "Adaptation" means a work based upon the Work, or upon the Work and other pre-existing works, such as a translation, adaptation, derivative work, arrangement of music or other alterations of a literary or artistic work, or phonogram or performance and includes cinematographic adaptations or any other form in which the Work may be recast, transformed, or adapted including in any form recognizably derived from the original, except that a work that constitutes a Collection will not be considered an Adaptation for the purpose of this License. For the avoidance of doubt, where the Work is a musical work, performance or phonogram, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered an Adaptation for the purpose of this License.

b. "Collection" means a collection of literary or artistic works, such as encyclopedias and anthologies, or performances, phonograms or broadcasts, or other works or subject matter other than works listed in Section 1(f) below, which, by reason of the selection and arrangement of their contents, constitute intellectual creations, in which the Work is included in its entirety in unmodified form along with one or more other contributions, each constituting separate and independent works in themselves, which together are assembled into a collective whole. A work that constitutes a Collection will not be considered an Adaptation (as defined above) for the purposes of this License.

c. "Distribute" means to make available to the public the original and copies of the Work or Adaptation, as appropriate, through sale or other transfer of ownership.

d. "Licensor" means the individual, individuals, entity or entities that offer(s) the Work under the terms of this License.

e. "Original Author" means, in the case of a literary or artistic work, the individual, individuals, entity or entities who created the Work or if no individual or entity can be identified, the publisher; and in addition (i) in the case of a performance the actors, singers, musicians, dancers, and other persons who act, sing, deliver, declaim, play in, interpret or otherwise perform literary or artistic works or expressions of folklore; (ii) in the case of a phonogram the producer being the person or legal entity who first fixes the sounds of a performance or other sounds; and, (iii) in the case of broadcasts, the organization that transmits the broadcast.

f. "Work" means the literary and/or artistic work offered under the terms of this License including without limitation any production in the literary, scientific and artistic domain, whatever may be the mode or form of its expression including digital form, such as a book, pamphlet and other writing; a lecture, address, sermon or other work of the same nature; a dramatic or dramatico-musical work; a choreographic work or entertainment in dumb show; a musical composition with or without words; a cinematographic work to which are assimilated works expressed by a process analogous to cinematography; a work of drawing, painting, architecture, sculpture, engraving or

lithography; a photographic work to which are assimilated works expressed by a process analogous to photography; a work of applied art; an illustration, map, plan, sketch or three-dimensional work relative to geography, topography, architecture or science; a performance; a broadcast; a phonogram; a compilation of data to the extent it is protected as a copyrightable work; or a work performed by a variety or circus performer to the extent it is not otherwise considered a literary or artistic work.

g. "You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

h. "Publicly Perform" means to perform public recitations of the Work and to communicate to the public those public recitations, by any means or process, including by wire or wireless means or public digital performances; to make available to the public Works in such a way that members of the public may access these Works from a place and at a place individually chosen by them; to perform the Work to the public by any means or process and the communication to the public of the performances of the Work, including by public digital performance; to broadcast and rebroadcast the Work by any means including signs, sounds or images.

i. "Reproduce" means to make copies of the Work by any means including without limitation by sound or visual recordings and the right of fixation and reproducing fixations of the Work, including storage of a protected performance or phonogram in digital form or other electronic medium.

2. Fair Dealing Rights. Nothing in this License is intended to reduce, limit, or restrict any uses free from copyright or rights arising from limitations or exceptions that are provided for in connection with the copyright protection under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

a. to Reproduce the Work, to incorporate the Work into one or more Collections, and to Reproduce the Work as incorporated in the Collections;

b. to create and Reproduce Adaptations provided that any such Adaptation, including any translation in any medium, takes reasonable steps to clearly label, demarcate or otherwise identify that changes were made to the original Work. For example, a translation could be marked "The original work was translated from English to Spanish," or a modification could indicate "The original work has been modified.";

c. to Distribute and Publicly Perform the Work including as incorporated in Collections; and,

d. to Distribute and Publicly Perform Adaptations.

e. For the avoidance of doubt:

i. Non-waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme cannot be waived, the Licensor reserves the exclusive right to collect such royalties for any exercise by You of the rights granted under this License;

ii. Waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme can be waived, the Licensor waives the exclusive right to collect such royalties for any exercise by You of the rights granted under this License; and,

iii. Voluntary License Schemes. The Licensor waives the right to collect royalties, whether individually or, in the event that the Licensor is a member of a collecting society that administers voluntary licensing schemes, via that society, from any exercise by You of the rights granted under this License.

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. Subject to Section 8(f), all rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

a. You may Distribute or Publicly Perform the Work only under the terms of this License. You must include a copy of, or the Uniform Resource Identifier (URI) for, this License with every copy of the Work You Distribute or Publicly Perform. You may not offer or impose any terms on the Work that restrict the terms of this License or the ability of the recipient of the Work to exercise the rights granted to that recipient under the terms of the License. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties with every copy of the Work You Distribute or Publicly Perform. When You Distribute or Publicly Perform the Work, You may not impose any effective technological measures on the Work that restrict the ability of a recipient of the Work from You to exercise the rights granted to that recipient under the terms of the License. This Section 4(a) applies to the Work as incorporated in a Collection, but this does not require the Collection apart from the Work itself to be made subject to the terms of this License. If You create a Collection, upon notice from any Licensor You must, to the extent practicable, remove from the Collection any credit as required by Section 4(b), as requested. If You create an Adaptation, upon notice from any Licensor You must, to the extent practicable, remove from the Adaptation any credit as required by Section 4(b), as requested.

b. If You Distribute, or Publicly Perform the Work or any Adaptations or Collections, You must, unless a request has been made pursuant to Section 4(a), keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or if the Original Author and/or Licensor designate another party or parties (e.g., a sponsor institute, publishing entity, journal) for attribution ("Attribution Parties") in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; (ii) the title of the Work if supplied; (iii) to the extent reasonably practicable, the URI, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and (iv), consistent with Section 3(b), in the case of an Adaptation, a credit identifying the use of the Work in the Adaptation (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). The credit required by this Section 4 (b) may be implemented in any reasonable manner; provided, however, that in the case of a Adaptation or Collection, at a minimum such credit will appear, if a credit for all contributing authors of the Adaptation or Collection appears, then as part of these credits and in a manner at least as prominent as the credits for the other contributing authors. For the avoidance of doubt, You may only use the credit required by this Section for the purpose of attribution in the manner set out above and, by exercising Your rights under this License, You may not implicitly or explicitly assert or imply any connection with, sponsorship or endorsement by the Original Author, Licensor and/or Attribution Parties, as appropriate, of You or Your use of the Work, without the separate, express prior written permission of the Original Author, Licensor and/or Attribution Parties.

c. Except as otherwise agreed in writing by the Licensor or as may be otherwise permitted by applicable law, if You Reproduce, Distribute or Publicly Perform the Work either by itself or as part of any Adaptations or Collections, You must not distort, mutilate, modify or take other derogatory action in relation to the Work which would be prejudicial to the Original Author's honor or reputation. Licensor agrees that in those jurisdictions (e.g. Japan), in which any exercise of the right granted in Section 3(b) of this License (the right to make Adaptations) would be deemed to be a distortion, mutilation, modification or other derogatory action prejudicial to the Original Author's honor and reputation, the Licensor will waive or not assert, as appropriate, this Section, to the fullest extent permitted by the applicable national law, to enable You to reasonably exercise Your right under Section 3(b) of this License (right to make Adaptations) but not otherwise.

5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

a. This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Adaptations or Collections from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

b. Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous

a. Each time You Distribute or Publicly Perform the Work or a Collection, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

b. Each time You Distribute or Publicly Perform an Adaptation, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.

c. If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

d. No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent. This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You.

e. This License may not be modified without the mutual written agreement of the Licensor and You.

f. The rights granted under, and the subject matter referenced, in this License were drafted utilizing the terminology of the Berne Convention for the Protection of Literary and Artistic Works (as amended on September 28, 1979), the Rome Convention of 1961, the WIPO Copyright Treaty of 1996, the WIPO Performances and Phonograms Treaty of 1996 and the Universal Copyright Convention (as revised on July 24, 1971). These rights and subject matter take effect in the relevant jurisdiction in which the

License terms are sought to be enforced according to the corresponding provisions of the implementation of those treaty provisions in the applicable national law. If the standard suite of rights granted under applicable copyright law includes additional rights not granted under this License, such additional rights are deemed to be included in the License; this License is not intended to restrict the license of any rights under applicable law.

Creative Commons Notice

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, Creative Commons does not authorize the use by either party of the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time. For the avoidance of doubt, this trademark restriction does not form part of this License.

Creative Commons may be contacted at http://creativecommons.org/.

2.2.15 CC-BY-4.0 (15)

Creative Commons Attribution 4.0 International

Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.
Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors.

Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason—for example, because of any applicable exception or limitation to copyright—then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our

licenses, you are encouraged to respect those requests where reasonable. More considerations for the public.

Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 – Definitions.

a. Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.

b. Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.

c. Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.

d. Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.

e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.

f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.

g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.

h. Licensor means the individual(s) or entity(ies) granting rights under this Public License.

i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.

j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.

k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

Section 2 – Scope.

a. License grant.

1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:

A. reproduce and Share the Licensed Material, in whole or in part; and

B. produce, reproduce, and Share Adapted Material.

2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.

3. Term. The term of this Public License is specified in Section 6(a).

4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a)(4) never produces Adapted Material.

5. Downstream recipients.

A. Offer from the Licensor – Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.

B. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

6. No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i).

b. Other rights.

1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.

2. Patent and trademark rights are not licensed under this Public License.

3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 – License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

a. Attribution.

1. If You Share the Licensed Material (including in modified form), You must:

A. retain the following if it is supplied by the Licensor with the Licensed Material:

i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);

ii. a copyright notice;

iii. a notice that refers to this Public License;

iv. a notice that refers to the disclaimer of warranties;

v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable;

B. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and

C. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.

2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.

3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.

4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

Section 4 – Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

a. for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;

b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and

c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.
For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

Section 5 – Disclaimer of Warranties and Limitation of Liability.

a. Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties

of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.

b. To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.

c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

Section 6 – Term and Termination.

a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.

b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:

1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or

2. upon express reinstatement by the Licensor.

c. For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.

d. For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.

e. Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 – Other Terms and Conditions.

a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.

b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

Section 8 – Interpretation.

a. For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.

b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.

c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.

d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses.??Creative Commons may be contacted at creativecommons.org.

2.2.16 MIT License (16)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.2.17 MIT +no-false-attribs license (17)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

Distributions of all or part of the Software intended to be used by the recipients as they would use the unmodified Software, containing modifications that substantially alter, remove, or disable functionality of the Software, outside of the documented configuration mechanisms provided by the Software, shall be modified such that the Original Author's bug reporting email addresses and urls are either replaced with the contact information of the parties responsible for the changes, or removed entirely.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT

```
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,
WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.
```

2.2.18 BSD-3-Clause (18)

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following disclaimer
in the documentation and/or other materials provided with the
distribution.
* Neither the name of Google Inc. nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

3. DCP Learning Tool SVS400 - MR2021 06

3.1 Third Party Software Components

3.1.1 @angular/forms 4.4.4

3.1.1.1 Copyrights

© Zeno Rocha
Copyright Google Inc. All Rights Reserved.
Copyright Google Inc.
Copyright 2016-2017 Google Inc.
Copyright (c) 2016 Daniel Eden
Copyright (c) 2014-2017 Google, Inc.
Copyright (c) 2014, Joshua Bell
Copyright (c) 2010, Linden Research, Inc.
Copyright (C) 2006 Google Inc.
(c) 2010-2017 Google, Inc.
(c) 2010 François de Metz
(c) 2007 Steven Levithan <stevenlevithan.com>

3.1.1.2 Acknowledgements

The logo graphics and documentation is available under CC-BY-4.0. The text of the license is provided in this document. The material is provided without any warranty and guarantee as described in Section 5 – Disclaimer of Warranties and Limitation of Liability of the license. The copyright is owned by Google Inc.

3.1.1.3 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)
GPL-3.0 (3)
Apache-2.0 Notice-1 (4)
BSD-3-Clause (5)
Zlib (6)

3.1.2 @angular/platform-browser 4.2.4

3.1.2.1 Copyrights

Copyright notice
Copyright Google Inc. All Rights Reserved.
Copyright (c) Microsoft Corporation. All rights reserved.
(c) 2010-2017 Google, Inc.
Copyright (c) 2014-2017 Google, Inc.

3.1.2.2 Licenses

Apache-2.0 (1)
Apache-2.0 Notice-2 (7)

3.1.3 @angular/platform-browser-dynamic 4.2.4

3.1.3.1 Copyrights

Copyright notice

Copyright Google Inc. All Rights Reserved.
Copyright (c) Microsoft Corporation. All rights reserved.
(c) 2010-2017 Google, Inc.
Copyright (c) 2014-2017 Google, Inc.

3.1.3.2 Licenses

Apache-2.0 (1)
Apache-2.0 Notice-2 (7)

3.1.4 @angular/router 4.2.4

3.1.4.1 Copyrights

Copyright notice
Copyright Google Inc. All Rights Reserved.
Copyright (c) Microsoft Corporation. All rights reserved.
(c) 2010-2017 Google, Inc. https://angular.io/
Copyright (c) 2014-2017 Google, Inc.

3.1.4.2 Licenses

Apache-2.0 (1)
Apache-2.0 Notice-2 (7)

3.1.5 @ngx-translate/core 8.0.0

3.1.5.1 Copyrights

Copyright (c) 2016 Preboot team
Copyright (c) 2016 Olivier Combe
Copyright (c) 2014-2016 Google, Inc.

3.1.5.2 Licenses

Apache-2.0 (1)

3.1.6 @ngx-translate/http-loader 2.0.1

3.1.6.1 Copyrights

Copyright (c) 2016 Olivier Combe

3.1.6.2 Licenses

Apache-2.0 (1)

3.1.7 angular common 4.2.4

3.1.7.1 Copyrights

Copyright notice
Copyright Google Inc. All Rights Reserved.
Copyright (c) Microsoft Corporation. All rights reserved.
(c) 2010-2017 Google, Inc. https://angular.io/
Copyright (c) 2014-2017 Google, Inc. http://angular.io

3.1.7.2 Licenses

Apache-2.0 (1)

Apache-2.0 Notice-2 (7)

3.1.8 angular compiler 4.2.4

3.1.8.1 Copyrights

Copyright Google Inc. All Rights Reserved.
Copyright (c) Microsoft Corporation. All rights reserved.
(c) 2010-2017 Google, Inc. https://angular.io/
Copyright (c) 2014-2017 Google, Inc.

3.1.8.2 Licenses

Apache-2.0 (1)
Apache-2.0 Notice-2 (7)

3.1.9 angular core 4.2.4

3.1.9.1 Copyrights

Copyright Google Inc. All Rights Reserved.
Copyright (c) Microsoft Corporation. All rights reserved.
(c) 2010-2017 Google, Inc. https://angular.io/
Copyright (c) 2014-2017 Google, Inc.

3.1.9.2 Licenses

Apache-2.0 (1)
Apache-2.0 Notice-2 (7)

3.1.10 angular http 4.2.4

3.1.10.1 Copyrights

Copyright Google Inc. All Rights Reserved.
Copyright (c) Microsoft Corporation. All rights reserved.
(c) 2010-2017 Google, Inc. https://angular.io/
Copyright (c) 2014-2017 Google, Inc.

3.1.10.2 Licenses

Apache-2.0 (1)
Apache-2.0 Notice-2 (7)

3.1.11 angular-animations 4.4.4

3.1.11.1 Copyrights

© Zeno Rocha
Copyright Google Inc. All Rights Reserved.
Copyright Google Inc.
Copyright 2016-2017 Google Inc.
Copyright (c) 2016 Daniel Eden
Copyright (c) 2014-2017 Google, Inc.
Copyright (c) 2014, Joshua Bell
Copyright (c) 2010, Linden Research, Inc.
Copyright (C) 2006 Google Inc.
(c) 2010-2017 Google, Inc.
(c) 2010 François de Metz

(c) 2007 Steven Levithan <stevenlevithan.com>

3.1.11.2 Acknowledgements

The logo graphics and documentation is available under CC-BY-4.0. The text of the license is provided in this document. The material is provided without any warranty and guarantee as described in Section 5 – Disclaimer of Warranties and Limitation of Liability of the license. The copyright is owned by Google Inc.

3.1.11.3 Licenses

Apache-2.0 (1)
GPL-3.0+ Notice with Bison Exception (2)
GPL-3.0 (3)
Apache-2.0 Notice-1 (4)
BSD-3-Clause (5)
Zlib (6)

3.1.12 bootstrap-sass-3.4.1.zip

3.1.12.1 Copyrights

Copyright (c) 2011-2019 Twitter, Inc.
Copyright (c) 2011-2016 The Bootstrap Authors

3.1.12.2 Licenses

Apache-2.0 Notice-3 (8)
Apache-2.0 Notice-2 (7)

3.1.13 core-js 2.4.1

3.1.13.1 Copyrights

Copyright (C) Paul Johnston 1999 - 2002.
Copyright (c) 2010-2013 Christian Johansen
Copyright (c) 2012-2013 Maximilian Antoni
Copyright (c) 2014-2016 Denis Pushkarev
Copyright Angel Marin, Paul Johnston 2000 - 2009.
Copyright Joyent, Inc. and other Node contributors.
Copyright Paul Johnston 2000 - 2002.
© 2016 Denis Pushkarev

3.1.13.2 Licenses

PHP License 3.0.1-Notice (9)
PHP License-3.01 (10)

3.1.14 lodash 4.17.5

3.1.14.1 Copyrights

copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors <http://underscorejs.org/>
copyright 2009-2015 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors <http://underscorejs.org/>
Copyright jQuery Foundation and other contributors <https://jquery.org/>
Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright JS Foundation and other contributors <https://js.foundation/>

Copyright 2012-2015 The Dojo Foundation <http://dojofoundation.org/>
Copyright 2009-2015 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

3.1.14.2 Licenses

Apache-2.0 (1)

3.1.15 ngx-bootstrap 1.9.3

3.1.15.1 Copyrights

copyright ngrx
copyright ng-bootstrap
Copyright Google Inc. All Rights Reserved.
Copyright (c) Valor Software
Copyright (c) JS Foundation and other contributors
Copyright (c) Dmitriy Shekhovtsov<valorkin@gmail.com>
Copyright (c) 2015-2017 Valor Software
Copyright (c) 2015-2017 Dmitriy Shekhovtsov<valorkin@gmail.com>
Copyright (c) 2015-2016 Angular ng-bootstrap team
Copyright (c) 2015 ngrx

3.1.15.2 Licenses

Apache-2.0 (1)
Apache-2.0 Notice-4 (11)

3.1.16 ngx-clipboard 8.1.1

3.1.16.1 Copyrights

Copyright (c) 2016 Sam Lin

3.1.16.2 Licenses

LGPL-2.1+ (12)

3.1.17 rxjs 5.4.2

3.1.17.1 Copyrights

Copyright Google Inc. All Rights Reserved.
Copyright (c) 2015-2017 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors

3.1.17.2 Licenses

Apache-2.0 Notice-2 (7)
Apache-2.0 (1)

3.1.18 zone.js 0.8.19

3.1.18.1 Copyrights

Copyright Google Inc. All Rights Reserved.
Copyright (c) 2016 Google, Inc.

3.1.18.2 Licenses

Apache-2.0 (1)

3.2 Licenses

3.2.1 MIT (1)

```
Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.
```

3.2.2 Unlicense (2)

```
This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or
distribute this software, either in source code form or as a compiled
binary, for any purpose, commercial or non-commercial, and by any
means.

In jurisdictions that recognize copyright laws, the author or authors
of this software dedicate any and all copyright interest in the
software to the public domain. We make this dedication for the benefit
of the public at large and to the detriment of our heirs and
successors. We intend this dedication to be an overt act of
relinquishment in perpetuity of all present and future rights to this
software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR
OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,
ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <http://unlicense.org/>
```

3.2.3 Public-domain (3)

```
Public Domain
```

3.2.4 ISC (4)

```
ISC License:

Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")
Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with
or without fee is hereby granted, provided that the above copyright notice and this
permission notice appear in all copies.
```

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

3.2.5 CC-BY-4.0 (5)

Creative Commons Corporation (“Creative Commons”) is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an “as-is” basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.

Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors.
Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor’s permission is not necessary for any reason–for example, because of any applicable exception or limitation to copyright–then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public.
Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 – Definitions.

Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.

Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.
Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.
Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.
Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.
Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.
Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.
Licensor means the individual(s) or entity(ies) granting rights under this Public License.
Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.
Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.
You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.
Section 2 – Scope.

License grant.
Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:
reproduce and Share the Licensed Material, in whole or in part; and
produce, reproduce, and Share Adapted Material.
Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.
Term. The term of this Public License is specified in Section 6(a).
Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a)(4) never produces Adapted Material.
Downstream recipients.
Offer from the Licensor – Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.
No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.
No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i).
Other rights.

Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.
Patent and trademark rights are not licensed under this Public License.
To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.
Section 3 – License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

Attribution.

If You Share the Licensed Material (including in modified form), You must:

retain the following if it is supplied by the Licensor with the Licensed Material: identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);
a copyright notice;
a notice that refers to this Public License;
a notice that refers to the disclaimer of warranties;
a URI or hyperlink to the Licensed Material to the extent reasonably practicable;
indicate if You modified the Licensed Material and retain an indication of any previous modifications; and
indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.
You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.
If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.
If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.
Section 4 – Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;
if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and
You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.
For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.
Section 5 – Disclaimer of Warranties and Limitation of Liability.

Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.

To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.
The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.
Section 6 — Term and Termination.

This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.
Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:

automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or
upon express reinstatement by the Licensor.
For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.
For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.
Sections 1, 5, 6, 7, and 8 survive termination of this Public License.
Section 7 — Other Terms and Conditions.

The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.
Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.
Section 8 — Interpretation.

For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.
To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.
No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.
Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.
Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the “Licensor.” Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark “Creative Commons” or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses.

3.2.6 Apache-2.0 (6)

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where

such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.
You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this

License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

3.2.7 Apache-2.0 (7)

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

3.2.8 MIT (8)

MIT License Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this
software and associated documentation files (the "Software"), to deal in the Software
without restriction, including without limitation the rights to use, copy, modify,
merge, publish, distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice (including the next paragraph)
shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT

```
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF
CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE
OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
```

3.2.9 MIT License (9)

```
// Permission is hereby granted, free of charge, to any person obtaining a
// copy of this software and associated documentation files (the
// "Software"), to deal in the Software without restriction, including
// without limitation the rights to use, copy, modify, merge, publish,
// distribute, sublicense, and/or sell copies of the Software, and to permit
// persons to whom the Software is furnished to do so, subject to the
// following conditions:
//
// The above copyright notice and this permission notice shall be included
// in all copies or substantial portions of the Software.
//
// THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
// OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
// MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN
// NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM,
// DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR
// OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE
// USE OR OTHER DEALINGS IN THE SOFTWARE.
```

3.2.10 BSD 3 Clause (10)

```
* Distributed under the BSD License
* See http://pajhome.org.uk/crypt/md5 for details.
```

```
Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of
conditions and the following disclaimer in the documentation and/or other materials
provided with the distribution.

Neither the name of the author nor the names of its contributors may be used to
endorse or promote products derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT
SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
```

3.2.11 CC-BY-3.0 (11)

```
Attribution 3.0 Unported

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES.
DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE
COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO
WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES
RESULTING FROM ITS USE.
License
```

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

"Adaptation" means a work based upon the Work, or upon the Work and other pre-existing works, such as a translation, adaptation, derivative work, arrangement of music or other alterations of a literary or artistic work, or phonogram or performance and includes cinematographic adaptations or any other form in which the Work may be recast, transformed, or adapted including in any form recognizably derived from the original, except that a work that constitutes a Collection will not be considered an Adaptation for the purpose of this License. For the avoidance of doubt, where the Work is a musical work, performance or phonogram, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered an Adaptation for the purpose of this License.
"Collection" means a collection of literary or artistic works, such as encyclopedias and anthologies, or performances, phonograms or broadcasts, or other works or subject matter other than works listed in Section 1(f) below, which, by reason of the selection and arrangement of their contents, constitute intellectual creations, in which the Work is included in its entirety in unmodified form along with one or more other contributions, each constituting separate and independent works in themselves, which together are assembled into a collective whole. A work that constitutes a Collection will not be considered an Adaptation (as defined above) for the purposes of this License.
"Distribute" means to make available to the public the original and copies of the Work or Adaptation, as appropriate, through sale or other transfer of ownership.
"Licensor" means the individual, individuals, entity or entities that offer(s) the Work under the terms of this License.
"Original Author" means, in the case of a literary or artistic work, the individual, individuals, entity or entities who created the Work or if no individual or entity can be identified, the publisher; and in addition (i) in the case of a performance the actors, singers, musicians, dancers, and other persons who act, sing, deliver, declaim, play in, interpret or otherwise perform literary or artistic works or expressions of folklore; (ii) in the case of a phonogram the producer being the person or legal entity who first fixes the sounds of a performance or other sounds; and, (iii) in the case of broadcasts, the organization that transmits the broadcast.
"Work" means the literary and/or artistic work offered under the terms of this License including without limitation any production in the literary, scientific and artistic domain, whatever may be the mode or form of its expression including digital form, such as a book, pamphlet and other writing; a lecture, address, sermon or other work of the same nature; a dramatic or dramatico-musical work; a choreographic work or entertainment in dumb show; a musical composition with or without words; a cinematographic work to which are assimilated works expressed by a process analogous to cinematography; a work of drawing, painting, architecture, sculpture, engraving or lithography; a photographic work to which are assimilated works expressed by a process analogous to photography; a work of applied art; an illustration, map, plan, sketch or three-dimensional work relative to geography, topography, architecture or science; a performance; a broadcast; a phonogram; a compilation of data to the extent it is protected as a copyrightable work; or a work performed by a variety or circus performer to the extent it is not otherwise considered a literary or artistic work.
"You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.
"Publicly Perform" means to perform public recitations of the Work and to communicate to the public those public recitations, by any means or process, including by wire or wireless means or public digital performances; to make available to the public Works in such a way that members of the public may access these Works from a place and at a place individually chosen by them; to perform the Work to the public by any means or process and the communication to the public of the performances of the Work, including

by public digital performance; to broadcast and rebroadcast the Work by any means including signs, sounds or images.
"Reproduce" means to make copies of the Work by any means including without limitation by sound or visual recordings and the right of fixation and reproducing fixations of the Work, including storage of a protected performance or phonogram in digital form or other electronic medium.
2. Fair Dealing Rights. Nothing in this License is intended to reduce, limit, or restrict any uses free from copyright or rights arising from limitations or exceptions that are provided for in connection with the copyright protection under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

to Reproduce the Work, to incorporate the Work into one or more Collections, and to Reproduce the Work as incorporated in the Collections;
to create and Reproduce Adaptations provided that any such Adaptation, including any translation in any medium, takes reasonable steps to clearly label, demarcate or otherwise identify that changes were made to the original Work. For example, a translation could be marked "The original work was translated from English to Spanish," or a modification could indicate "The original work has been modified.";
to Distribute and Publicly Perform the Work including as incorporated in Collections; and,
to Distribute and Publicly Perform Adaptations.
For the avoidance of doubt:

Non-waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme cannot be waived, the Licensor reserves the exclusive right to collect such royalties for any exercise by You of the rights granted under this License;
Waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme can be waived, the Licensor waives the exclusive right to collect such royalties for any exercise by You of the rights granted under this License; and,
Voluntary License Schemes. The Licensor waives the right to collect royalties, whether individually or, in the event that the Licensor is a member of a collecting society that administers voluntary licensing schemes, via that society, from any exercise by You of the rights granted under this License.
The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. Subject to Section 8(f), all rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You may Distribute or Publicly Perform the Work only under the terms of this License. You must include a copy of, or the Uniform Resource Identifier (URI) for, this License with every copy of the Work You Distribute or Publicly Perform. You may not offer or impose any terms on the Work that restrict the terms of this License or the ability of the recipient of the Work to exercise the rights granted to that recipient under the terms of the License. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties with every copy of the Work You Distribute or Publicly Perform. When You Distribute or Publicly Perform the Work, You may not impose any effective technological measures on the Work that restrict the ability of a recipient of the Work from You to exercise the rights granted to that recipient under the terms of the License. This Section 4(a) applies to the Work as incorporated in a Collection, but this does not require the Collection apart from the Work itself to be made subject to the terms of this License. If You create a Collection, upon notice from any Licensor You must, to the extent practicable, remove from the Collection any credit as required by Section 4(b), as requested. If You create an Adaptation, upon notice from any Licensor You must, to the extent practicable, remove from the Adaptation any credit as required by Section 4(b), as requested.
If You Distribute, or Publicly Perform the Work or any Adaptations or Collections, You must, unless a request has been made pursuant to Section 4(a), keep intact all

copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or if the Original Author and/or Licensor designate another party or parties (e.g., a sponsor institute, publishing entity, journal) for attribution ("Attribution Parties") in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; (ii) the title of the Work if supplied; (iii) to the extent reasonably practicable, the URI, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and (iv) , consistent with Section 3(b), in the case of an Adaptation, a credit identifying the use of the Work in the Adaptation (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). The credit required by this Section 4 (b) may be implemented in any reasonable manner; provided, however, that in the case of a Adaptation or Collection, at a minimum such credit will appear, if a credit for all contributing authors of the Adaptation or Collection appears, then as part of these credits and in a manner at least as prominent as the credits for the other contributing authors. For the avoidance of doubt, You may only use the credit required by this Section for the purpose of attribution in the manner set out above and, by exercising Your rights under this License, You may not implicitly or explicitly assert or imply any connection with, sponsorship or endorsement by the Original Author, Licensor and/or Attribution Parties, as appropriate, of You or Your use of the Work, without the separate, express prior written permission of the Original Author, Licensor and/or Attribution Parties.
Except as otherwise agreed in writing by the Licensor or as may be otherwise permitted by applicable law, if You Reproduce, Distribute or Publicly Perform the Work either by itself or as part of any Adaptations or Collections, You must not distort, mutilate, modify or take other derogatory action in relation to the Work which would be prejudicial to the Original Author's honor or reputation. Licensor agrees that in those jurisdictions (e.g. Japan), in which any exercise of the right granted in Section 3(b) of this License (the right to make Adaptations) would be deemed to be a distortion, mutilation, modification or other derogatory action prejudicial to the Original Author's honor and reputation, the Licensor will waive or not assert, as appropriate, this Section, to the fullest extent permitted by the applicable national law, to enable You to reasonably exercise Your right under Section 3(b) of this License (right to make Adaptations) but not otherwise.
5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Adaptations or Collections from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.
Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.
8. Miscellaneous

Each time You Distribute or Publicly Perform the Work or a Collection, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.
Each time You Distribute or Publicly Perform an Adaptation, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.
If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.
No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.
This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.
The rights granted under, and the subject matter referenced, in this License were drafted utilizing the terminology of the Berne Convention for the Protection of Literary and Artistic Works (as amended on September 28, 1979), the Rome Convention of 1961, the WIPO Copyright Treaty of 1996, the WIPO Performances and Phonograms Treaty of 1996 and the Universal Copyright Convention (as revised on July 24, 1971). These rights and subject matter take effect in the relevant jurisdiction in which the License terms are sought to be enforced according to the corresponding provisions of the implementation of those treaty provisions in the applicable national law. If the standard suite of rights granted under applicable copyright law includes additional rights not granted under this License, such additional rights are deemed to be included in the License; this License is not intended to restrict the license of any rights under applicable law.
Creative Commons Notice

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, Creative Commons does not authorize the use by either party of the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time. For the avoidance of doubt, this trademark restriction does not form part of this License.

Creative Commons may be contacted at http://creativecommons.org/.

3.2.12 MIT (12)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT

HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4. Finstack System One SVS400 - 4.3

4.1 Third Party Software Components

4.1.1 bee-line 0.1.3

4.1.1.1 Licenses

Apache-2.0 (1)

4.1.2 browser-locale 1.0.0

4.1.2.1 Licenses

GPL-3.0+ Notice with Bison Exception (2)

4.1.3 clipboard 2.0.0

4.1.3.1 Copyrights

Copyright (c) Zeno Rocha

4.1.3.2 Licenses

Apache-2.0 (1)

4.1.4 eases 1.0.8

4.1.4.1 Copyrights

Copyright (c) 2014 Matt DesLauriers

4.1.4.2 Licenses

Apache-2.0 (1)

4.1.5 es6-promise 4.2.4

4.1.5.1 Copyrights

Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors

4.1.5.2 Licenses

Apache-2.0 (1)

4.1.6 fin-webui 1.0.5

4.1.6.1 Copyrights

Copyright (c) 2017-2017 J2 Innovation Inc. All Rights Reserved
Copyright (c) 2006, 2008 Junio C Hamano
Copyright (c) J2 Innovation Inc. All Rights Reserved

4.1.6.2 Licenses

GPL-3.0 (3)

4.1.7 hammerjs 2.0.8

4.1.7.1 Copyrights

Copyright (c) 2012-2013 The Dojo Foundation
Copyright (c) 2009-2013 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright (c) 2016 Jorik Tangelder
Copyright (c) 2008 Ariel Flesler
Copyright (c) 2012 Yusuke Suzuki <utatane.tea@gmail.com>
Copyright (c) 2012 Mathias Bynens <mathias@qiwi.be>
Copyright (c) 2012 Kris Kowal <kris.kowal@cixar.com>
Copyright (c) 2012 Joost-Wim Boekesteijn <joost-wim@boekesteijn.nl>
Copyright (c) 2012 Arpad Borsos <arpad.borsos@googlemail.com>
Copyright (c) 2011-2012 Ariya Hidayat <ariya.hidayat@gmail.com>
Copyright (c) 2011-2014 by Jorik Tangelder (Eight Media)
Copyright (c) James Halliday
Copyright (c) 2005, 2012, 2014 jQuery Foundation, Inc.

4.1.7.2 Licenses

Apache-2.0 (1)
Apache-2.0 Notice-1 (4)
BSD-3-Clause (5)

4.1.8 lodash 4.17.10

4.1.8.1 Copyrights

Copyright (c) Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright (c) JS Foundation and other contributors
Copyright (c) 2009, The Dojo Foundation
Copyright (c) 2010-2016 Jeremy Ashkenas, DocumentCloud
Copyright (c) 2010-2011 Marcus Westin
Copyright (c) 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright (c) 2007-2007 , Parakey Inc. All rights reserved.
Copyright (c) 2006, Yahoo! Inc. All rights reserved.

4.1.8.2 Acknowledgements

To the extent files may be licensed under GPL-2.0, MIT or BSD-3, in this context MIT has been chosen. This shall not restrict the freedom of other users to choose GPL-2.0, MIT or BSD-3.

4.1.8.3 Licenses

Apache-2.0 (1)
Zlib (6)
Apache-2.0 Notice-2 (7)
Apache-2.0 Notice-3 (8)
PHP License 3.0.1-Notice (9)

4.1.9 mobile-detect 1.3.5

4.1.9.1 Copyrights

Copyright (c) 2013-2013 Heinrich Goebl
Copyright (c) 2008-2011 Pivotal Labs

4.1.9.2 Licenses

Apache-2.0 (1)

4.1.10 moment 2.22.2

4.1.10.1 Copyrights

Copyright (c) JS Foundation and other contributors

4.1.10.2 Licenses

Apache-2.0 (1)

4.1.11 moment-timezone 0.5.17

4.1.11.1 Copyrights

Copyright (c) JS Foundation and other contributors

4.1.11.2 Licenses

Apache-2.0 (1)

4.1.12 Numeral 1.5.3

4.1.12.1 Copyrights

Copyright (c) 2012 Adam Draper

4.1.12.2 Acknowledgements

Numeral.js, while less complex, was inspired by and heavily borrowed from [Moment.js](http://momentjs.com)

4.1.12.3 Licenses

Apache-2.0 (1)

4.1.13 platform.js 1.3.5

4.1.13.1 Copyrights

Copyright 2014-2018 Benjamin Tan <https://bnjmnt4n.now.sh/>
Copyright 2011-2013 John-David Dalton <http://allyoucanleet.com/>
Copyright 2014-2018 Benjamin Tan <https://demoneaux.github.io/>
Copyright 2011-2013 John-David Dalton <http://allyoucanleet.com/>

4.1.13.2 Licenses

PHP License-3.01 (10)

4.1.14 query-string 4.1.0

4.1.14.1 Copyrights

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

4.1.14.2 Licenses

Apache-2.0 (1)

4.1.15 ractive 0.8.14

4.1.15.1 Copyrights

Copyright (c) 2012-16 Rich Harris and contributors.
Copyright (c) 2003 Robert Penner

4.1.15.2 Licenses

Apache-2.0 (1)

4.1.16 ractive-events-hover 0.3.0

4.1.16.1 Copyrights

Copyright (c) 2012 jQuery Foundation and other contributors Released under the MIT license.
http://jquery.org/license
Copyright (c) 2013-2015 Rich Harris
Copyright (c) 2013 James M. Greene
Copyright (c) 2012-2012 John Resig, Jörn Zaefferer
Copyright (c) 2010-2013 Takuto Wada
Copyright (c) 2008 Ariel Flesler - aflesler(at)gmail(dot)com | http://flesler.blogspot.com
Copyright (c) 2005-2010 Sam Stephenson Released under the MIT license.
http://prototypejs.org
Copyright (c) 2003 Robert Penner

4.1.16.2 Licenses

Apache-2.0 (1)

4.1.17 ractive-multiselect 0.2.6

4.1.17.1 Licenses

Apache-2.0 Notice-4 (11)
Apache-2.0 (1)

4.1.18 ractive-tooltip 0.2.0

4.1.18.1 Licenses

Apache-2.0 Notice-4 (11)

4.1.19 ractive-touch 0.4.0

4.1.19.1 Copyrights

Copyright (c) 2014+, Rico Sta. Cruz. Authored and maintained by Rico Sta. Cruz with help from [contributors].

4.1.19.2 Licenses

Apache-2.0 (1)

4.1.20 ractive-transitions-fade 0.3.1

4.1.20.1 Copyrights

Copyright (c) 2013-2015 Rich Harris.
Copyright (c) 2006 Google Inc.

4.1.20.2 Licenses

Apache-2.0 (1)
LGPL-2.1+ (12)

4.1.21 ractive-transitions-fly 0.3.0

4.1.21.1 Copyrights

Copyright (c) 2013-2015 Rich Harris

4.1.21.2 Licenses

Apache-2.0 (1)

4.1.22 ractive-transitions-slide 0.4.0

4.1.22.1 Copyrights

Copyright (c) 2013-2015 Rich Harris.
Copyright (c) 2006 Google Inc.

4.1.22.2 Licenses

Apache-2.0 (1)
LGPL-2.1+ (12)

4.1.23 smoothscroll-polyfill 0.4.3

4.1.23.1 Copyrights

Copyright (c) 2013 Dustan Kasten

4.1.23.2 Licenses

Apache-2.0 (1)

4.1.24 tinycolor2 1.3.0

4.1.24.1 Copyrights

Copyright (c) 2005-2012 jQuery Foundation, Inc. and other contributors
Copyright (c) Brian Grinstead, http://briangrinstead.com
Copyright (c) 2008 Ariel Flesler - aflesler(at)gmail(dot)com | http://flesler.blogspot.com

4.1.24.2 Licenses

Apache-2.0 (1)

4.2 Licenses

4.2.1 MIT (1)

```
Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
```

all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.2.2 BSD-3-Clause (2)

Copyright (c) {{YEAR}}, {{OWNER}}
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of {{the ORGANIZATION nor the names of its contributors}} may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY {{THE COPYRIGHT HOLDERS AND CONTRIBUTORS}} "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL {{THE COPYRIGHT HOLDER OR CONTRIBUTORS}} BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4.2.3 Unlicense (3)

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <http://unlicense.org/>

4.2.4 BSD-2-Clause (4)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4.2.5 BSD-2-Clause (5)

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4.2.6 Triple License (6)

Released under the MIT, BSD, and GPL Licenses.

4.2.7 BSD 3-Clause (7)

Software License Agreement (BSD License)

Copyright (c) 2007, Parakey Inc.
All rights reserved.

Redistribution and use of this software in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above
copyright notice, this list of conditions and the
following disclaimer.

* Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the
following disclaimer in the documentation and/or other
materials provided with the distribution.

* Neither the name of Parakey Inc. nor the names of its
contributors may be used to endorse or promote products
derived from this software without specific prior
written permission of Parakey Inc.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER
OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER
IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN
ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4.2.8 CC0-1.0 (8)

Creative Commons CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE
LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN
ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION
ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE
USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND
DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT
OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer
exclusive Copyright and Related Rights (defined below) upon the creator
and subsequent owner(s) (each and all, an "owner") of an original work
of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for
the purpose of contributing to a commons of creative, cultural and
scientific works ("Commons") that the public can reliably and without
fear of later claims of infringement build upon, modify, incorporate in
other works, reuse and redistribute as freely as possible in any form
whatsoever and for any purposes, including without limitation commercial
purposes. These owners may contribute to the Commons to promote the
ideal of a free culture and the further production of creative, cultural
and scientific works, or to gain reputation or greater distribution for
their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any
expectation of additional consideration or compensation, the person
associating CC0 with a Work (the "Affirmer"), to the extent that he or
she is an owner of Copyright and Related Rights in the Work, voluntarily
elects to apply CC0 to the Work and publicly distribute the Work under
its terms, with knowledge of his or her Copyright and Related Rights in
the Work and the meaning and intended legal effect of CC0 on those
rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;

ii. moral rights retained by the original author(s) and/or performer(s);

iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with

respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

4.2.9 GPL-2.0 (9)

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you

distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extent to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you

(whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE

WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

4.2.10 MIT License (10)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.2.11 ISC (11)

ISC License:

Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")
Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

4.2.12 Apache-2.0 (12)

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.
You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class

name and description of purpose be included on the same "printed page" as the
copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.