⊕ BOSCH	OSS Attribution Document	DATE
XC-CT	XC_CT_RN_AIVI_Scope 3.x	27th Jan 2023

Open-Source Software Attributions for
XC_CT_ RN_AIVI_Scope 3.x

This document is provided as part of the fulfillment of OSS license conditions and does not require users to take any action before or while using the product.

Contents

1 List of used Open-Source Components.
This document contains a list of open source software (OSS) components used within the product under the terms of the respective licenses. The source code corresponding to the open source components is also provided along with the product wherever mandated by the respective OSS license.

Sl. No	Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	Home Page	More Information
1	7-Zip - LZMA SDK	9.20, 20150529	Public Domain	http://sourceforge.net/projects/sevenzip/	NO COPYRIGHTS CLAIMED
2	ACL	2.2.52	GNU Lesser General Public License v2.1 or later	https://savannah.nongnu.org/projects/acl	Copyright (C) 1999,2000,2002,2003,2007, 2009,2011 Andreas Gruenbacher<a.gruenbacher@computer.org>, Copyright (C) 2001-2002 Silicon Graphics, Inc. All Rights Reserved. Copyright (c) 2002 Silicon Graphics, Inc. All Rights Reserved. Copyright (C) SuSE Linux AG. Copyright (C) 1999-2002 Andreas Gruenbacher,

					<a.gruenbacher@bestbits.at> Copyright (C) 1999-2000 Andreas Gruenbacher, <a.gruenbacher@bestbits.at>.;
3	AES - Advanced Encryption Standard	1.0	zlib License	http://www.lomont.org/Software/Misc/AES/AES.php	Copyright:2000-2005 Chris Lomont;
4	Alsa Libraries	1.1.8, 1.0.29	GNU Lesser General Public License v2.1 or later	http://www.alsa-project.org/	Copyright (c) 1998,2000,2001,2003,2004,2005,2006,2010 by Jaroslav Kysela <perex@perex.cz>, Copyright (C) 2010 Red Hat Inc. Copyright (c) 2000,2001,2003 by Abramo Bagnara <abramo@alsa-project.org>, Copyright (c) 1998,99,2000,2003,2004,2005,2007 by Takashi Iwai <tiwai@suse.de>, Copyright (C) 1992 by Stichting Mathematisch, Copyright (C) 2008-2010 SlimLogic Ltd, Copyright (c) 2013 by ADIT GmbH, Copyright (c) 2000 by Abramo Bagnara <abramo@alsa-project.org>, Copyright (c) 1999 by Uros Bizjak <uros@kss-loka.si>, Copyright (c) Jaroslav Kysela <perex@perex.cz>.;
5	Alsa Plugins	1.1.8	GNU Lesser General Public License v2.1 or later	ftp://ftp.alsa-project.org/pub/plugins/	Copyright (c) 2008 by Sjoerd Simons <sjoerd@luon.net>, Copyright (c) 2006 by Pierre Ossman <ossman@cendio.se>.;
6	Alsa Tools	1.1.5	GNU General Public License v2.0 or later	http://www.alsa-project.org/	Copyright (C) 2000 by Daniel Bertrand, Copyright (c) 2008 Takashi Iwai <tiwai@suse.de>, Copyright (c) 2014 David Henningsson, Canonical Ltd. <david.henningsson@canonical.com>, Copyright (c) 2003 by Digigram <alsa@digigram.com>, Copyright (c) 2000 by Uros Bizjak <uros@kss-loka.si>, Copyright (c) 2003 by Chris

					Rankin, Copyright (c) 2003 by Karsten Wiese <annabellesgarden@yahoo.de>, Copyright (c) 2004-2007 by Rui Nuno Capela <rncbc@rncbc.org>, Copyright (c) 2009-2010 Clemens Ladisch.; Approval Required.
7	Alsa Utils	1.1.8	GNU General Public License v2.0 or later	http://www.alsa-project.org/	Copyright (c) by Abramo Bagnara, Copyright (c)1999-2000,2008,2010 by Jaroslav Kysela, Copyright (C) 2003 Greg Kroah-Hartman, Copyright (C) 2004-2006 Kay Sievers, Copyright (c)2004-2006 Clemens Ladisch, Copyright (c) 1998,1999 Tim Janik, Copyright (c) 1874 Lewis Carroll, Copyright (C) 2008-2010 SlimLogic Ltd, Copyright (C) 1999-2000,2003 by Takashi Iwai, Copyright (C) 2000-2004 James Courtier-Dutton, Copyright (C) 2005 Nathan Hurst.;
8	Android - platform - bootable - recovery	Unspecified	Apache License 2.0	http://developer.android.com/index.html	Copyright: 2007 The Android Open Source Project;
9	apitrace	7.1, git-apitrace_i01	MIT License	http://github.com/apitrace/apitrace/	Copyright 2009,2010,2013,2014,2015,2016 Google Inc. All Rights Reserved, Copyright 2012,2013 Intel Corporation.All Rights Reserved, Copyright 2010-2016 VMware, Inc.All Rights Reserved, Copyright 2011-2014 Jose Fonseca.All Rights Reserved, Copyright 2011 LunarG, Inc.All Rights Reserved, Copyright 2015 Alexander Trukhin, Copyright 2013 Samsung,Contributed by Eugene Velesevich,All Rights Reserved. Copyright

					2006 Keith Packard and Carl Worth, Copyright 2011 Zack Rusin, Copyright 2004 IBM Corporation.;
10	AppArmor Userspace Utilities	2.11.0	GNU General Public License v2.0 only	http://wiki.apparmor.net/index.php/Main_Page	Copyright (C) 2013 Kshitij Gupta <kgupta8592@gmail.com>, Copyright (C) 2011-2013 Canonical Ltd., Copyright (C) 2015 Christian Boltz <apparmor@cboltz.de>, Copyright (C) 2015 Christian Boltz <apparmor@cboltz.de>, Copyright (c) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007 * NOVELL;
11	Asio	1.66	Boost Software License 1.0 (BSL-1.0)	http://github.com/chriskohlhoff/asio/	Copyright (c) 2003-2017 Christopher M. Kohlhoff (chris at kohlhoff dot com), Copyright (C) 2016-2018 Bayerische Motoren Werke Aktiengesellschaft (BMW AG)
12	Atomic_ops	7.4.0	MIT License	http://www.hpl.hp.com/research/linux/atomic_ops/index.php4	Copyright (c) 1991-1994 by Xerox Corporation. All rights reserved. Copyright (c) 1996-1999 by Silicon Graphics. All rights reserved. Copyright (c) 1999-2003 by Hewlett-Packard Company. All rights reserved.;
13	Attr	2.4.47	GNU General Public License v2.0 or later	http://savannah.nongnu.org/projects/attr	Copyright (C) 2000,2001,2002,2003,2004,2005 Silicon Graphics, Inc. , Copyright (C) 2002,2003,2006,2007,2009 Andreas Gruenbacher <agruen@suse.de>, SuSE Linux AG.;
14	Audit	2.7.6	GNU General Public License v2.0 or later	http://tracker.debian.org/pkg/audit	Copyright (c) 2007,2010,2013 Red Hat Inc., Durham, North Carolina., Copyright (c) 2011 IBM Corp. * All Rights Reserved, Copyright (©) 2011 Emanuele Giaquinta, Copyright (c) 2007,2008,2009,2010,2011,

					2012,2013 Marc Alexander Lehmann ;
15	avdecc-lib	0.6.20	MIT License	http://github.com/audi oscience/avdecc-lib/	Copyright (c) 2013 AudioScience Inc.Copyright (c) 2014 AudioScience Inc.;
16	Bash	3.2.57	GNU General Public License v2.0 or later	http://www.gnu.org/so ftware/bash/	Copyright (C) 1987,1989,1991,1993-2007 Free Software Foundation, Inc;
17	Bison	2.3, 3.0.4	GNU General Public License v2.0 or later	http://savannah.gnu.o rg/projects/bison/	Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc
18	BlueZ	5.48	GNU General Public License v2.0 or later	http://www.bluez.org/	Copyright (C) 2006-2010 Nokia Corporation, Copyright (C) 2004-2010 Marcel Holtmann <marcel@holtmann.org>.;
19	bonnie++	1.03	GNU General Public License v2.0 only	https://www.coker.co m.au/bonnie++/	Copyright (c) Tim Bray <tbray@textuality.com>, 1990, Copyright (c) Russell Coker <russell@coker.com.au>, 1999;
20	Boost C++ Libraries - boost	1.67.0, 1.58.0, 1.57.0	Boost Software License 1.0	http://sourceforge.net/ projects/boost/	Copyright (c) 2003-2015 Christopher M. Kohlhoff (chris at kohlhoff dot com), Copyright (C) 2016-2017 Bayerische Motoren Werke Aktiengesellschaft (BMW AG), Copyright (c) 2001-2012 Hartmut Kaiser, Copyright (c) 2001 Daniel C. Nuffer, Copyright Beman Dawes 1994-2006, 2011, Copyright (C) 2007-8 Anthony Williams, Copyright 2011-2012 Vicente J. Botet Escriba, Copyright 2013 Andrey Semashev, Copyright Douglas Gregor 2001-2004, Copyright 2002 Robert Ramey, Copyright (c) 1998-2004 John Maddock, Copyright Jens Maurer 2000, Copyright Steven Watanabe 2010-2011, Copyright Vladimir Prus 2002-2004, Copyright Sascha Ochsenknecht 2009, Copyright Bertolt

					Mildner 2004, Copyright John Maddock 2008, Copyright (c) 2009-2011 Artyom Beilis (Tonkikh), Copyright 2003-2007 Jonathan Turkanis, Copyright 2008 CodeRage, LLC (turkanis at coderage dot com), Copyright Craig Henderson 2002, Copyright (c) 2002-2004 CrystalClear Software, Inc, Copyright Ion Gaztanaga 2015-2015, Copyright 2001, 2003, 2004, 2012 Daryle Walker, Copyright (C) 2003-2004 Jeremy B. Maitin-Shepard, Copyright 2009 Pablo Halpern, Copyright John R. Bandela 200, Copyright (c) 2008-2009 Emil Dotchevski and Reverge Studios, Inc;
21	brotli	0.1.1	MIT License	https://github.com/google/brotli/	Copyright 2013 Google Inc. All Rights Reserved. Copyright 2015 Google Inc. All Rights Reserved.;
22	btrfs-progs	4.13.3	GNU General Public License v2.0 only	http://github.com/linsomniac/btrfs-progs/	Copyright(C) 1999 Andrea Arcangeli <andrea@suse.de>, Copyright(C) 2002 David Woodhouse <dwmw2@infradead.org>, Copyright(C) 2012 Michel Lespinasse <walken@google.com>, Copyright (C) 2008,2007,2009,2010,2012 Oracle. All rights reserved, Copyright (C) 2008 Morey Roof. All rights reserved,Copyright (C) 2011,2012,2013,STRATO AG. All rights reserved, Copyright (C) 2013,2014,2015,FUJITSU LIMITED. All rights reserved, Copyright (C) 2012 Alexander Block. All rights reserved,Copyright (C) 2014 Facebook. All rights reserved,Copyright (C) 2002-2004 H. Peter

					Anvin - All Rights Reserved, Copyright (C) 2013,2014 SUSE. All rights reserved,Copyright (C) 2008,2011 Red Hat. All rights reserved,Copyright (C) 2007 Oracle. All rights reserved.;
23	BusyBox	1.30.1	GNU General Public License v2.0 only	http://www.busybox.net	Copyright (C) 2000,2001 by Glenn McGrath, Copyright (C) 2010 Nokia Corporation, Copyright (C) 1992-1993 Jean-loup Gailly Copyright (C) 2006 Aurelien Jacobs <aurel@gnuage.org>, Copyright (C) 2007,2010 Denys Vlasenko <vda.linux@googlemail.com>, Copyright (C) 1996-2006 Julian Seward <jseward@bzip.org>, Copyright (C) 1999-2005 Igor Pavlov, Copyright 2002 Laurence Anderson, Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org>, Copyright (c) 1999 by David I. Bell, Copyright (C) 1995 Bruce Perens, Copyright (C) 2004 by Ed Clark, Copyright (C) 2003 by Tito Ragusa <farmatito@tiscali.it>, Copyright (C) Arne Bernin <arne@matrix.loopback.org>, Copyright (C) 1998 Enrique Zanardi <ezanardi@ull.es>, Copyright (C) 2004,2005 Enrik Berkhan <Enrik.Berkhan@inka.de>, Copyright (C) 2008 Bernhard Reutner-Fischer, Copyright (C) 2003 Manuel Novoa III <mjn3@codepoet.org>, Copyright (C) 2006 Rob Landley <rob@landley.net> Copyright (C) 2006 by Rob Sullivan, Copyright (C) 2000 by Matt Kraai <kraai@alumni.carnegiemell

					on.edu>, Copyright (C) 1999,2000,2001 by John Beppu <beppu@codepoet.org>, Copyright (C) 1999 by Lineo, inc. and John Beppu, Copyright (C) 89, 91, 1995-2006 Free Software Foundation,Copyright (C) 2003-2005 Vladimir Oleynik <dzo@simtreas.ru>, Copyright (c) 2008 Vladimir Dronnikov, Copyright (C) 2004 Kay Sievers <kay.sievers@vrfy.org>, Copyright (C) 2012 S-G Bergh <sgb@systemasis.org>, Copyright (C) 2006 by Jason Schoon <floydpink@gmail.com> Copyright (C) 1993 Rick Sladkey <jrs@world.std.com>, Copyright (C) 1999 by Randolph Chung <tausq@debian.org> Copyright (C) 2000 by Gennady Feldman <gfeldman@gena01.com>, Copyright (c) 1997-2005 Herbert Xu <herbert@gondor.apana.org.au> Copyright (C) 2010 Lauri Kasanen,Copyright (C) 2002-2009 Craig Small, Copyright (C) 1993-2002 Werner Almesberger. Copyrihgt (c) 2008 Timo Teras <timo.teras@iki.fi>.;
24	Bzip2	1.0.6	Bzip2 License	http://www.bzip.org/	Copyright (C) 1996-2010 Julian Seward <jseward@bzip.org>.;
25	C Unit Testing Framework	2.1-3	GNU Library General Public License v2 or later	http://sourceforge.net/projects/cunit/	Copyright (C) 2004-2006 Jerry St.Clair, Anil Kumar. Copyright (C) 2001 Anil Kumar.;
26	Cairo Vector Graphics Library	1.14.12, 1.14.2	GNU Lesser General Public License v2.1 or later	http://cairographics.org/introduction	Copyright 2006 Keith Packard,Copyright 2007 Adrian Johnson Copyright 2002 University of Southern California, Copyright 2004

					Red Hat, Inc, Copyright 2010 Intel Corporation, Copyright 2009 Chris Wilson, Copyright 2005-2007 Emmanuel Pacaud <emmanuel.pacaud@free.fr>, Copyright 2008 M Joonas Pihlaja, Copyright 2007 David Turner, Copyright 2010 Andrea Canciani, Copyright 2007 Mozilla Corporation, Copyright © 2011 Linaro Limited, Copyright 2011 Samsung Electronics, Copyright © 2009 Eric Anholt, Copyright (c) 2007 Netlabs, Copyright 1999 Tom Tromey.;
27	c-ares	1.13.0	MIT License	http://tracker.debian.org/pkg/c-ares	Copyright (C) 1998, 2011 by the Massachusetts Institute of Technology. Copyright (C) 1998, 2011, 2013 by the Massachusetts Institute of Technology. Copyright (C) 1998 by the Massachusetts Institute of Technology. Copyright (C) 2000 by the Massachusetts Institute of Technology. Copyright (C) 1996-1999 by Internet Software Consortium. Copyright (C) 2004-2017 by Daniel Stenberg. Copyright (C) 2009 by Jakub Hrozek <jhrozek@redhat.com>. Copyright (C) 2010 Jeremy Lal <kapouer@melix.org>. Copyright (C) 2008-2013 by Daniel Stenberg. Copyright (C) 2004-2009 by Daniel Stenberg. Copyright (C) 2007-2013 by Daniel Stenberg. Copyright (C) 2005 - 2010, Daniel Stenberg. Copyright (C) 2004-2011 by Daniel Stenberg. Copyright (C) 2004 by Internet Systems Consortium, Inc. ("ISC"), Copyright (C) 2004 by Daniel Stenberg et al , Copyright (C) 1998 by the

					Massachusetts Institute of Technology. , Copyright (C) 2009 by Jakub Hrozek <jhrozek@redhat.com> , Copyright (C) 2012 Marko Kreen <markokr@gmail.com>, Copyright (C) 2005 Dominick Meglio. Copyright (C) 1987-2001 The Regents of the University of California,All rights reserved.;
28	cdparanoia	10.2	GNU General Public License v2.0 or later	http://www.xiph.org/paranoia/index.html	Copyright (C) 2001-2008 Xiph.org,Copyright (C) 1998-2008 Monty monty@xiph.org.;
29	Chkconfig	1.3.59	GNU General Public License v2.0 or later	https://fedorahosted.org/releases/c/h/chkconfig/	Copyright 1997-2009 Red Hat, Inc.;
30	cmocka	1.0.1	Apache License 2.0	https://cmocka.org/	Copyright 2008 Google Inc. Copyright 2014-2015 Andreas Schneider <asn@cryptomilk.org>. Copyright 2015 Jakub Hrozek <jakub.hrozek@posteo.se>. ;
31	ConnMan	1.40, 1.37	GNU General Public License v2.0 only	https://01.org/connman	Copyright(C) 1999 Andrea Arcangeli <andrea@suse.de>, Copyright(C) 2002 David Woodhouse <dwmw2@infradead.org>, Copyright(C) 2012 Michel Lespinasse <walken@google.com>, Copyright (C) 2008,2007,2009,2010,2012 Oracle. All rights reserved, Copyright (C) 2008 Morey Roof. All rights reserved,Copyright (C) 2011,2012,2013,STRATO AG. All rights reserved, Copyright (C) 2013,2014,2015,FUJITSU LIMITED. All rights reserved, Copyright (C) 2012 Alexander Block. All rights reserved,Copyright (C) 2014 Facebook. All

					rights reserved,Copyright (C) 2002-2004 H. Peter Anvin - All Rights Reserved, Copyright (C) 2013,2014 SUSE. All rights reserved,Copyright (C) 2008,2011 Red Hat. All rights reserved,Copyright (C) 2007 Oracle. All rights reserved.;
32	Control Group Configuration - libcgroup	0.41	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/libcg/	Copyright IBM Corporation. 2007, Copyright IBM Corporation. 2008, Copyright IBM Corporation. 2009, Copyright (C) 2008 Red Hat, Inc. All Rights Reserved. Copyright (C) 2009 Red Hat, Inc. All Rights Reserved. Copyright (C) 2010 Red Hat, Inc. All Rights Reserved. Copyright (C) 2012 Red Hat, Inc. All Rights Reserved. Copyright (C) Matt Helsley, IBM Corp. 2005, Copyright (C) 2005 BULL SA.;
33	Crda	3.18	copyleft-next 0.3.0	https://www.kernel.org/pub/software/network/crda/	Copyright (c) 2008, Luis R. Rodriguez <mcgrof@gmail.com>, Copyright 2006-2010 Johannes Berg <johannes@sipsolutions.net>, Copyright (c) 2008,2009, Johannes Berg <johannes@sipsolutions.net>, Copyright 2008 Michael Wu <flamingice@sourmilk.net>, Copyright 2008 Luis Carlos Cobo <luisca@cozybit.com>, Copyright 2008 Michael Buesch <m@bues.ch>, Copyright 2008 Jouni Malinen <jouni.malinen@atheros.com>, Copyright 2008 Colin McCabe <colin@cozybit.com>, Copyright (c) 2008, Michael Green <Michael.Green@Atheros.c

					om>.; IntegrationType:COMPONE NT; ShipStatus:Ship;
34	Crypt::Curv e25519	0.01	BSD 3-Clause "New" or "Revised" License	http://search.cpan.org /~ajgb/Crypt-Curve25519/	Copyright 2008, Google Inc.;
35	Crypto++	20150529	Public Domain	http://github.com/weid ai11/cryptopp/	NO COPYRIGHTS CLAIMED
36	cryptodev-linux	1.9	GNU General Public License v2.0 or later	http://cryptodev-linux.org/	Copyright:Copyright (c) 2004 Michal Ludvig <mludvig@logix.net.nz>, SuSE Labs, Copyright (c) 2010 Phil Sutter, Copyright (c) Michal Ludvig, Copyright (c) 2009,2010,2011 Nikos Mavrogiannopoulos <nmav@gnutls.org>, Copyright (C) 2011 Free Software Foundation, Inc.Copyright (c) 2011, 2012 OpenSSL Software Foundation, Inc.Copyright (c) 2011 Maxim Levitsky.
37	cryptsetup	2.0.1	GPL 2.0 with OpenSSL Exception	http://code.google.co m/p/cryptsetup/	Copyright (C) 2004, Jana Saout <jana@saout.de>, Copyright (C) 2004-2007, Clemens Fruhwirth <clemens@endorphin.org>, Copyright (C) 2009-2017, Red Hat, Inc. All rights reserved, Copyright (C) 2009-2017, Milan Broz, Copyright (C) 2015, Google, Inc Copyright (C) 2002, Phil Karn, KA9Q, COPYRIGHT (C) 1986 Gary S. Brown.;
38	Curl	7.66.0, 7.59.0, 7.64.1, 7.74.0	MIT License	http://tracker.debian.o rg/pkg/curl	Copyright (c) 1996 - 2016, Daniel Stenberg, <daniel@haxx.se>, Copyright (C) 1998 - 2015, Daniel Stenberg, Copyright (C) 2013, Linus Nielsen Feltzing, Copyright (C) 2012, 2016, Linus Nielsen Feltzing, Copyright (c) 2001 Alexander Peslyak;
39	Darwin Source Repository - diskdev_cm ds	332.25	Apple Public Source License 1.1	http://sourceforge.net/ projects/darwinsource /	Copyright: © 1996-2002 by Apple Computer, Inc

| 40 | Das U-Boot - Universal Bootloader | 2018.09 | GNU General Public License v2.0 or later | https://github.com/u-boot/u-boot | Copyright (C) 2000-2006 Wolfgang Denk, DENX Software Engineering, wd@denx.de. Copyright (C) 2000-2012 Wolfgang Denk, DENX Software Engineering, wd@denx.de. Copyright (C) 2000-2002 Wolfgang Denk, DENX Software Engineering, wd@denx.de. Copyright (C) 2008,2016 The Android Open Source Project. Copyright (C) 2005, 2007 Olivier Gay,All rights reserved.. Copyright (C) 2011 Renesas Solutions Corp. Copyright (C) 2006, 2009, 2016 Freescale Semiconductor, Inc. Copyright (C) 2007 Free Software Foundation, Inc. Copyright (C) 2006 David Gibson, IBM Corporation. COPYRIGHT (C) I B M CORPORATION 1995, Copyright (c) International Business Machines Corp., 2006. Copyright (c) Nokia Corporation, 2006. Copyright (C) 1999 David A. Hinds. All Rights Reserved. Copyright (C) 2012 Kim Phillips, Freescale Semiconductor. Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC") Copyright (c) 1995-2003 by Internet Software Consortium, Copyright (C) 2003 David Brownell, Copyright (C) 1998, 1999, 2000, 2001, 2002 Red Hat, Inc. Copyright (C) 2002-2011 Aleph One Ltd. Copyright (C) 2016 GlobalLogic. Copyright (c) 1997 Dan Malek (dmalek@jlc.net), Copyright (C) 2014 Linaro Ltd. , Copryight (C) 2018 Alexander Graf , Copyright |

| | | | | | (C) 2008 Texas Instruments, Syed Mohammed Khasim , Copyright (C) 2011, Texas Instruments, Copyright (C) 1999 Hewlett-Packard Co.Contributed by David Mosberger . Copyright (C) 2006 Andrew Victor, Copyright (C) Copyright 2010 Reinhard Meyer, EMK Elektronik, reinhard.meyer@emk-elektronik.de, Copyright (c) 1994 - 1997, 1999, 2000 Ralf Baechle (ralf@gnu.org), Copyright (c) 2000 Silicon Graphics, Inc. Copyright (C) 1996 David S. Miller, Copyright (C) 1994 - 2000, 1997, 1998, 1999, 2000, 2001, 2002, 2003 Ralf Baechle, Copyright (C) 1999, 2000 Silicon Graphics, Inc. Copyright (C) 2002, 2007 Maciej W. Rozycki, Copyright (C) 2001, 2012 MIPS Technologies, Inc. All rights reserved. Copyright (C) 2015-2016 Wills Wang , Copyright (C) 2010-2011 Jaiganesh Narayanan , Copyright (C) 2008-2010 Gabor Juhos , Copyright (C) 2008 Imre Kaloz , Copyright (C) 2016, Bin Meng , Copyright (C) 2009 Intel Corporation. All rights reserved. Copyright (C) 1991,1992,1993,1997,1998, 2003, 2005 Free Software Foundation, Inc. Copyright (C) 2008 - 2013 Tensilica Inc. Copyright (C) 1999-2015, 2014 - 2016 Cadence Design Systems Inc. Copyright (C) 2016 Renesas Electronics Corporation. copyright (c) 2013-2016, ARM Limited and Contributors. All rightsreserved. Copyright |

					(C) 2016 Rockchip Electronic Co.,Ltd.Written by Kever Yang . Copyright (C) 2017 Theobroma Systems Design und Consulting GmbH. Copyright (C) 2001 Denis Peter, MPL AG Switzerland, d.peter@mpl.ch. Copyright (C) 2010 Nicolas Palix . Copyright (C) 2010 Julia Lawall . Copyright (C) 2010 Gilles Muller . Copyright (C) 2016 Markus Heiser. Copyright (C) 1991-2004 SciTech Software, Inc. Copyright (C) David Mosberger-Tang. Copyright (C) 1999 Egbert Eich. Copyright (c) 2017 Google, Inc. Copyright (C) 2012 Samsung Electronics. Copyright (C) 2014 Josh Datko, Cryptotronix, jbd@cryptotronix.com, Copyright (C) 2016 Tomas Hlavacek, CZ.NIC, tmshlvck@gmail.com, Copyright (C) 2017 Marek Behun, CZ.NIC, marek.behun@nic.cz, Copyright (C) 2011, Marvell Semiconductor Inc.Lei Wen , Copyright (C) 2014 - 2015, 2016 Xilinx, Inc. Copyright (C) 2000 - 2004 Steven J. Hill (sjhill@realitydiluted.com). Copyright (C) 2002-2006 Thomas Gleixner
41	Dash	0.5.11.2	BSD 3-Clause "New" or "Revised" License	https://sourceforge.net/projects/dash/	Copyright © 1991, 1993 * The Regents of the University. Copyright © 2002 * Herbert Xu
42	D-Bus	1.0, 1.12.20	GNU General Public License v2.0 or later	http://www.freedesktop.org/wiki/IntroductionToDBus	Copyright (C) 2002,2006,2007 Red Hat, Inc,opyright (C) 2003 CodeFactory AB,Copyright (C) 2004 Imendio HB Copyright (C) 2002 Michael Meeks,Copyright (C) 2006 Thiago Macieira

					<thiago@kde.org>,Copyright (C) 2003 Philip Blundell <philb@gnu.org>, Copyright (C) 2011-2012 Nokia Corporation,Copyright (C) 2012-2013 Collabora Ltd,Copyright (c) 1994 Sun Microsystems, Inc. Copyright (C) Regents of the University of California,Copyright (C) 2009 Klaralvdalens Datakonsult AB, Copyright (C) 1995, A.M. Kuchling,Copyright (C) 2006 Ralf Habacker <ralf.habacker@freenet.de> ,Copyright (C) 2006 Ralf Habacker <ralf.habacker@freenet.de> .;
43	dbus-glib	0.106, 0.110	Academic Free License v2.1	http://www.freedeskto p.org/wiki/Software/d bus	Copyright (C) 2002, 2003 CodeFactory AB, Copyright (C) 2002-2005 Red Hat, Inc, Copyright (C) 2005 Nokia, Copyright (C) 2007 Codethink Ltd, Copyright (C) 2004 Ximian, Inc.;
44	dbus-python	1.2.6	MIT License	http://dbus.freedeskto p.org/releases/dbus-python/	Copyright (C) 2006-2007 Collabora Ltd,Copyright (C) 2004 Rob Taylor, Copyright (C) 2003 David Zeuthen,Copyright (C) 2003, 2004, 2005, 2006 Red Hat Inc. Copyright (C) 2008 Openismus GmbH.;
45	Delaunay-Triangulatio n	Unspecified	License for Delaunay-Triangulation	https://gwlucastrig.git hub.io/TinfourDocs/D elaunayIntro/	Copyright (c) 1995 by AT&T
46	Developer's Image Library - DevIL	1.7.8	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/ projects/openil/	Copyright(C)2000-2009 by Denton Woods,2001 David Galeano;
47	Digest::MD 5	Unspecified	Public Domain	http://www.cpan.org/a uthors/id/G/GA/GAAS /	NO COPYRIGHTS CLAIMED
48	dleyna-connector-dbus	0.3.0	GNU Lesser General Public License v2.1 only	https://01.org/dleyna/ downloads	Copyright (C) 2013 Intel Corporation. All rights reserved.;

49	dleyna-core	0.6.0	GNU Lesser General Public License v2.1 only	https://01.org/dleyna/downloads	Copyright (C) 2013 Intel Corporation. All rights reserved, Copyright (C) 2012-2015 Intel Corporation. All rights
50	dleyna-renderer	0.6.0	GNU Lesser General Public License v2.1 only	https://01.org/dleyna/downloads	Copyright (C) 2012-2013 Intel Corporation. All rights reserved, Copyright (C) 2012-2015 Intel Corporation. All rights reserved, Copyright (C) 2013 Intel Corporation. All rights reserved.;
51	dleyna-server	0.6.0	GNU Lesser General Public License v2.1 only	https://01.org/dleyna/downloads	Copyright (C) 2013 Intel Corporation. All rights reserved, Copyright (C) 2012-2015 Intel Corporation. All rights reserved.;
53	Dnsmasq	2.78	GNU General Public License v2.0 only	http://thekelleys.org.uk/dnsmasq/doc.html	Copyright (c) 2013 Jason A. Donenfeld, Copyright (c) 2006 Simon Kelley.;
54	dosfstools - Longtail	2.11	GNU General Public License v2.0 or later	https://launchpad.net/ubuntu/+archive/primary/+sourcepub/641242/+listing-archive-extra	copyright 1992, 1993 Remy Card, Copyright (C) 2004, Advanced Micro Devices Copyright 1993, 1994 David Hudson (dave@humbug.demon.co.uk), Copyright (C) 2011, Intel Corporation.;
55	dtc	1.4.5	GNU General Public License v2.0 or later	https://git.kernel.org/cgit/utils/dtc/dtc.git/	Copyright (C) 2006 David Gibson, IBM Corporation. Copyright (C) 2012 Kim Phillips, Freescale Semiconductor. Copyright (C) 2012 David Gibson, IBM Corporation. Copyright (C) 2014 David Gibson, IBM Corporation. Copyright (C) 2005 David Gibson <dwg@au1.ibm.com>, IBM Corporation. Copyright (C) 2005,2008,2007 David Gibson <dwg@au1.ibm.com>, IBM Corporation. Copyright (C) 2011 The Chromium Authors, All Rights Reserved. Copyright (C) 2008 Jon Loeliger, Freescale Semiconductor, Inc. Copyright (C) 2017 Konsulko Group Inc. All

					rights reserved. Copyright (C) 2007 Gerald Van Baren, Custom IDEAS, vanbaren@cideas.com.;
56	ECNR	22.1.41	Academic Free License v2.1	https://www.mvista.com/	Copyright(c) 2010 (c) MontaVista Software, LLC.,COPYRIGHT : (c) 2013 RBCM GMBH;
57	Eigen template library	3.3.4	Mozilla Public License 2.0	https://eigen.tuxfamily.org/index.php?title=Main_Page	Copyright (C) 2011 Benoit Jacob, Copyright (C) 2011-2014 Gael Guennebaud , Copyright (C) 2011-2012 Jitse Niesen
58	elfutils	0.148	GNU General Public License v2.0 only	https://fedorahosted.org/elfutils/	Copyright (C) 1998,2002, 2005, 2006, 2007, 2008,2010 Red Hat, Inc,Copyright (C) 2007 Kurt Roeckx <kurt@roeckx.be>.;
59	ethtool	4.13	GNU General Public License v2.0 or later	https://www.kernel.org/pub/software/network/ethtool/	Copyright (C) 2003 Advanced Micro Devices Inc,Copyright 2001 Sun Microsystems (thockin@sun.com) Copyright (c) 2002 Intel Corporation,Copyright (C) 1998 David S. Miller (davem@redhat.com), Copyright 2001 Jeff Garzik <jgarzik@pobox.com>,Copyright 2009, 2010 Solarflare Communications, Copyright (C) 2004 Intracom S.A.,Copyright (c) 2004, 2005 Zultys Technologies, Copyright 2004 IBM Corporation (jklewis@us.ibm.com),Copyright (C) 2007-2009 STMicroelectronics Ltd Copyright (C) 2014 Altera Corporation,Copyright 2006 Fabric7 Systems.;
60	Evtest	1.33	GNU General Public License v2.0 or later	http://cgit.freedesktop.org/evtest/	Copyright (c) 1999-2000 Vojtech Pavlik, Copyright (c) 2009-2011 Red Hat, Inc;
61	EXIF Tag Parsing Library - libexif	0.6.21	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/libexif/	Copyright (c) 2002 Lutz Mueller, Copyright (c) 2003 Matthieu Castet
62	Expat XML Parser - libexpat	2.2.6	MIT License	http://tracker.debian.org/pkg/expat	Copyright (c) 1997-2000 Thai Open Source Software Center Ltd, Copyright (c)

					2000-2017 Expat development team
63	Expect	5.45.4	Public Domain	http://sourceforge.net/ projects/expect/	NO COPYRIGHTS CLAIMED
64	Ext2 Filesystems Utilities	1.43.8	GNU General Public License v2.0 or later	http://e2fsprogs.sourc eforge.net	Copyright (C) 1994-2011 Theodore Ts'o ,Copyright (C) 1985-2005 by the Massachusetts Institute of Technology Copyright (C) 2001 Red Hat, Inc,Copyright (C) 1997 Kaz Kylheku , Copyright (C) 2000 Stephen C. Tweedie,Copyright (C) 2000 Andreas Dilger,Copyright (C) 1993, 1994 Remy Card ,Copyright (c) 1997, 1998, 2001 Kungliga Tekniska Högskolan Copyright 1987 by MIT Student Information Processing Board,Copyright (C) 2006 Cluster File Systems, Inc Copyright (C) 2003 VMware, Inc., Copyright (C) 2011 Whamcloud, Inc,Copyright (C) 2009 NEC Software Tohoku,Copyright (c) 2012, Intel Corporation, Copyright (C) Andrew Tridgell, Copyright (C) Jeremy Allison,Copyright (C) Paul `Rusty' Russell,Copyright IBM Corporation, 2007.;
65	Filesystem in Userspace	2.9.7, 2.9.4	GNU Library General Public License v2 or later	http://sourceforge.net/ projects/fuse/	Copyright (C) 2001-2010 Miklos Szeredi <miklos@szeredi.hu>, Copyright (C) 2008 SUSE Linux Products GmbH, Copyright (C) 2008 Tejun Heo <teheo@suse.de>.;
66	Fine Free File Command	5.32-r0	Fine Free File Command License	http://www.darwinsys. com/file/	Copyright (c) 1986-1995 Ian F. Darwin and others. Copyright (C) 1995-present by Christos Zoulas and others. Copyright (c) 2003, 2008 Christos Zoulas,All rights reserved.Copyright (c) 2000 The NetBSD Foundation, Inc,All rights reserved.Copyright (c) 1998 Todd C. Miller

					<Todd.Miller@courtesan.com>.;
67	Flex	2.6.0	BSD 3-Clause "New" or "Revised" License	http://sourceforge.net/projects/flex/	Copyright (c) 1990 The Regents of the University of California
69	Fontconfig	2.11.94, 2.12.6	MIT License	http://freedesktop.org/wiki/Software/fontconfig	Copyright © 2002,2003 Keith Packard,Copyright © 2008 Red Hat, Inc, Copyright © 2007 Chris Wilson,Copyright © 2011,2012,2013 Google, Inc, Copyright © 2005 Patrick Lam,Copyright © 2002-2003 by Juliusz Chroboczek, Copyright © 2000 Tuomas J. Lukka,Copyright © 2007 Chris Wilson.;
68	FreeImage	3.17.0	FreeImage Public License v1.0	http://sourceforge.net/projects/freeimage/	Copyright: 1994 Anthony Dekker
70	FreeType	2.6, 2.9.1, 2.5.3, 2.4.10	Freetype Project License (FTL)	http://freetype.sourceforge.net/	Copyright 1996-2016 by David Turner, Robert Wilhelm, and Werner Lemberg.
71	Gawk	3.1.5	GNU General Public License v2.0 or later	http://www.gnu.org/software/gawk/gawk.html	Copyright: Copyright (C) 1986, 1988, 1989, 1991 - 1998, 2001 - 2004 the Free Software Foundation, Inc. Copyright (C) 1986, 1988, 1989, 1991-2005 the Free Software Foundation, Inc. Copyright 1988, 1998, 2000, 2002, 2004, 2005 Free Software Foundation, Inc. Copyright (C) 1995 - 2001, 2003-2005 the Free Software Foundation, Inc. Copyright (C) 1986, 1988, 1989, 1991-2001, 2003 the Free Software Foundation, Inc. Copyright (C) 1986, 1988, 1989, 1991-2001, 2003-2005 the Free Software Foundation, Inc. Copyright (C) 1999-2005 the Free Software Foundation, Inc. Copyright (C) 1991-2005 the Free Software Foundation, Inc.

					Copyright (c) 1983, 1993 The Regents of the University of California,All rights reserved. Arnold Robbins, arnold@gnu.org, May 1993. Arnold Robbins, arnold@gnu.org,October 2000. Arnold Robbins, arnold@gnu.org,October 2003.;
72	GCC C++ / libstdc++	7.5.0, 5.2.0, 3.0	GCC Runtime Library Exception 3.1 to GPL 3.0 Multiple License Silicon-Graphics License	https://gcc.gnu.org/libstdc++/	Copyright 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc. Copyright (C) 1994-2015 Free Software Foundation, Inc. Copyright (C) 2007-2017 Free Software Foundation, Inc. Copyright (c) 2001, 2002, 2003 Peter Dimov and Multi Media Ltd. Copyright (C) 1998, 1999 Greg Colvin and Beman Dawes. Copyright (C) 2001, 2002, 2003 Peter Dimov. Copyright (C) 2001, 2002, 2003 Peter Dimov. Copyright (C) 2002 Peter Dimov. Copyright (C) 2016-2017 Free Software Foundation, Inc. Copyright (c) 1996,1997 ilicon Graphics Computer Systems. Copyright (c) 2009-2012 LLVM Team . Copyright (c) 2009-2012 University of Illinois at Urbana-Champaign. Copyright (C) 2010-2017 Free Software Foundation, Inc. Copyright (C) 2000-2017 Free Software Foundation, Inc. Copyright (C) 1996-2017 Free Software Foundation, Inc. Copyright (C) 2003-2017 Free Software Foundation, Inc. Copyright (c) 1983,

					1993 The Regents of the University of California,All rights reserved. and many more contributors.;
73	GConf	3.2.6	GNU Library General Public License v2 or later	http://www.gnome.org/projects/gconf/	Copyright (C) 2001 Sun Microsystems, Inc. Copyright (C) 1999, 2000, 2002 Red Hat Inc, Copyright (C) 2003 Imendio AB, Copyright (C) 2010 Novell, Inc.;
74	GDK-Pixbuf	2.36.11, 2.0	GNU Library General Public License v2 or later	http://www.gnome.org/	Copyright (C) 1999 The Free Software Foundation ,Copyright (C) Red Hat, Inc,Copyright (c) 2007 Bastien Nocera <hadess@hadess.net> Copyright (C) Dom Lachowicz,Copyright (C) 1999, 2001 Tim Janik,Copyright (C) 1999 Mark Crichton, Copyright (c) 2007 Lyonel Vincent <lyonel@ezix.org>,Copyright (C) 1999 Michael Zucchi,Copyright (C) 2003 Josh A. Beam Copyright (c) 2012 Alexander Larsson <alexl@redhat.com>,Copyright (C) 2008 Kevin Peng,Copyright (C) 1999 Nicola Girardi <nikke@swlibero.org> Copyright (C) 2001 Eazel, Inc,Copyright (C) 1999 Mark Crichton,Copyright (c) 2001-2007 Sun Microsystems, Inc.;
75	GENIVI Audio Manager	3.2, 1.1, 7.5.89	Mozilla Public License 2.0	https://www.ohloh.net/p/genivi-audio-manager	Copyright(C) 2010,2011,2015,2016 Advanced Driver Information Technology,All rights reserved.Copyright(C) Advanced Driver Information Technology, Bosch, and DENSO,All rights reserved.;
76	GENIVI Diagnostic Log and Trace Daemon	0.9.9, 2.18.6, 2.18.8	Mozilla Public License 2.0	http://projects.genivi.org/diagnostic-log-trace/	Copyright © 2011-2015 BMW AG.;

77	GENIVI IPC CommonAPI C++ DBus Runtime	3.1.12.11, 3.1.12.4	GNU General Public License v2.0 or later	http://github.com/GENIVI/capicxx-dbus-runtime/	Copyright (C) 2015 Bayerische Motoren Werke Aktiengesellschaft (BMW AG);
78	GENIVI IPC CommonAPI C++ Runtime	3.1.12.17, 3.1.12.4	Mozilla Public License 2.0	http://projects.genivi.org/commonapi/	Copyright (C) 2013-2015 Bayerische Motoren Werke Aktiengesellschaft (BMW AG), Copyright (C) 2014-2015 Bayerische Motoren Werke Aktiengesellschaft (BMW AG), Copyright (C) 2015 Bayerische Motoren Werke Aktiengesellschaft (BMW AG).;
79	GENIVI IPC CommonAPI C++ Someip	3.1.12.17, 3.1.12.11	Mozilla Public License 2.0	https://github.com/GENIVI/capicxx-someip-runtime	Copyright (C) 2016-2017, Bayerische Motoren Werke Aktiengesellschaft (BMW AG). Copyright (C) 2016-2017, GENIVI Alliance, Inc.;
80	GENIVI IVI Layer Management	1.2.0, 0.9.9	Apache License 2.0	http://projects.genivi.org/ivi-layer-management	Copyright (C) 2012 DENSO CORPORATION and Robert Bosch Car Multimedia Gmbh, Copyright 2010,2011 BMW Car IT GmbH, Copyright 2011 Valeo, Copyright (c) 2012, NVIDIA CORPORATION, Copyright (c) 2014 Codethink Limited, Copyright © 2008 Kristian Høgsberg, Copyright (C) 2012 Bayerische Motorenwerke Aktiengesellschaft, Copyright 2004-2007 The Apache Software Foundation.;
81	GENIVI Node Health Monitor	1.3.5	Mozilla Public License 2.0	https://github.com/GENIVI/node-health-monitor	Copyright (C) 2013 Continental Automotive Systems, Inc.;
82	GENIVI Node Startup Controller	1.0.3	Mozilla Public License 2.0	http://projects.genivi.org/node-startup-controller/	Copyright 2012 GENIVI.;
83	GENIVI Node State Manager	2.0.0	Mozilla Public License 2.0	https://github.com/GENIVI/node-state-manager	Copyright (C) 2012 Continental Automotive Systems, Inc. Copyright (C) 2013 Continental Automotive Systems, Inc.;
84	gflags	2.2.0	BSD 3-Clause "New" or "Revised" License	http://code.google.com/p/gflags/	Copyright (c) 2006, Google Inc,Copyright (c) 2007, Google Inc,Copyright (c)

					2008, Google Inc,Copyright (c) 2011, Google Inc,Copyright (c) 2007, Google Inc,Copyright (c) 1999, Google Inc,Copyright (c) 1999, Google Inc;
85	giflib -- A library for processing GIFs - giflib	5.1.4	OSF - X Consortium License	http://sourceforge.net/projects/giflib/	Copyright (c) 1997 Eric S. Raymond, Copyright (c) Gershon Elber, Copyright (c) Toshio Kuratomi.;
86	Gladman AES	K03	BSD 2-Clause "Simplified" License	https://github.com/traviscross/bgaes	Copyright (c) 1998-2010, Brian Gladman, Worcester, UK. All rights reserved.;
88	GLib	2.54.3, 2.44.1, 2.32.4, 2.50.3	GNU Lesser General Public License v2.1 only	http://tracker.debian.org/pkg/glib2.0	Copyright © 2009, 2010 Codethink Limited. Copyright © 2011,2015 Canonical Ltd. Copyright © 2011 Ryan Lortie. Copyright © 2013 Lars Uebernickel. Copyright © 2014 NICE s.r.l. Copyright (C) 2007 Imendio AB. Copyright © 2009 Red Hat, Inc. Copyright 2001 Hans Breuer. Copyright 2005 Matthias Clasen. Copyright (C) 2005 Alexander Larsson. Copyright (C) 2010 Intel Corp. Copyright (C) 2005-2006 Emmanuele Bassi., Copyright (C) 1998 Tim Janik. Copyright (C) 1998, 1999, 2000 Tim Janik and Red Hat, Inc.;
89	glib-networking	2.60.3	GNU Lesser General Public License v2.1 or later (LGPL-2.1-or-later)	https://gitlab.gnome.org/GNOME/glib-networking/-/tree/2.60.3	Copyright Ã,Â© 2009, 2010 Codethink Limited. Copyright Ã,Â© 2011,2015 Canonical Ltd. Copyright Ã,Â© 2011 Ryan Lortie. Copyright Ã,Â© 2013 Lars Uebernickel. Copyright Ã,Â© 2014 NICE s.r.l. Copyright (C) 2007 Imendio AB. Copyright Ã,Â© 2009 Red Hat, Inc. Copyright 2001 Hans Breuer. Copyright 2005 Matthias Clasen. Copyright (C) 2005 Alexander Larsson. Copyright (C) 2010 Intel Corp. Copyright (C) 2005-2006 Emmanuele Bassi.,

					Copyright (C) 1998 Tim Janik. Copyright (C) 1998, 1999, 2000 Tim Janik and Red Hat, Inc.
90	Glog	0.3.4	BSD 3-Clause "New" or "Revised" License	https://github.com/google/glog	Copyright (c) 1999, Google Inc.
91	GMP - GNU Multiple Precision Arithmetic Library	4.2.1	GNU Lesser General Public License v2.1 or later	http://gmplib.org/	Copyright (C) 1991-2014 Free Software Foundation, Inc.;
92	GNU C Library - glibc	2.27, 2.22	GNU Lesser General Public License v2.1 or later Multiple Licenses: BSD3 License,ISC License	http://www.gnu.org/software/libc/libc.html	Copyright (C) 1999-2016 Free Software Foundation, Inc. Copyright (C) 2011-2016 Free Software Foundation, Inc. Copyright (C) 1997-2016 Free Software Foundation, Inc. Copyright (C) 2011-2016 Free Software Foundation, Inc. Copyright (C) 1995-2015 Free Software Foundation, Inc. Copyright (C) 1997-2016 Free Software Foundation, Inc. Copyright (C) 1987-2019 Free Software Foundation, Inc. ;
93	GNU Diffutils	2.8.1	GNU General Public License v2.0 or later	http://www.gnu.org/software/diffutils/	Copyright (C) 1990, 1998, 1999, 2000, 2001 Free Software Foundation, Inc
94	GNU grep	2.5.1	GNU General Public License v2.0 or later	http://savannah.gnu.org/projects/grep/	Copyright (C) 1998, 1999, 2000, 2001 Free Software Foundation, Inc;
95	GNU M4	1.4.9	GNU General Public License v2.0 or later	http://www.gnu.org/software/m4/	Copyright (C) 1987-2006 Free Software Foundation, Inc.
96	GNU Readline Library	5.2	GNU General Public License v2.0 or later	http://directory.fsf.org/GNU/readline.html	Copyright (C) 1987-2006 Free Software Foundation, Inc.;
97	GNU Tar	1.17	GNU General Public License v2.0 or later	http://www.gnu.org/software/tar/	Copyright (C) 1990, 1998, 1999, 2001, 2002, 2003, 2004, 2005, 2006, 2007 Free Software Foundation, Inc;
98	GnuPG	1.4.7	GNU General Public License v2.0 or later	http://www.gnupg.org/	Copyright (C) 1994,1996,1998,2001,2002,2003,2004,2005,2006 Free Software Foundation, Inc.;

99	GObject Introspection - A Middleware Layer	1.54.1	GNU Library General Public License v2 or later	https://wiki.gnome.org/Projects/GObjectIntrospection	Copyright (C) 2008 Johan Dahlin, Copyright (C) 2013 Dieter Verfaillie <dieterv@optionexplicit.be>, Copyright (C) 2005-2012 the SQLAlchemy authors and contributors <see AUTHORS file>, Copyright (C) 2009 Red Hat, Inc, Copyright (C) 2008 Johan Dahlin, Copyright (C) 2014 Chun-wei Fan, Copyright (C) 2008 Colin Walters, Copyright (C) 2010 Zach Goldberg, Copyright (C) 2011 Shaun McCance, Copyright (C) 2013 Dieter Verfaillie <dieterv@optionexplicit.be>, Copyright (C) 2005 Matthias Clasen, Copyright (C) 2007 Jürg Billeter, Copyright (C) 2008 Philip Van Hoof;
100	google-snappy	1.1.3	BSD 3-Clause "New" or "Revised" License	http://github.com/google/snappy/	Copyright 2008 Google Inc. All Rights Reserved. Copyright 2011 Google Inc. All Rights Reserved. Copyright 2005 Google Inc. All Rights Reserved.;
101	GPT fdisk	1.0.3	GNU General Public License v2.0 only	http://sourceforge.net/projects/gptfdisk/	Copyright(c) 2009-2013 by Roderick W. Smith,Copyright(c) 1999,2000 Krzysztof Dabrowski;
102	grpc	1.22.0	Apache License 2.0	http://github.com/grpc/grpc/	Copyright 2018 The gRPC Authors,Copyright 2016 gRPC authors,Copyright 2015 gRPC authors,Copyright 2016 gRPC authors,Copyright 2019 gRPC authors, Copyright 2017 gRPC authors., Copyright 2018 gRPC authors.;
103	GSSDP	1.0.2	GNU Library General Public License v2 or later	http://unix.freecode.com/projects/gupnp	Copyright (C) 2006, 2007, 2008 OpenedHand Ltd, Copyright (C) 2009 Nokia Corporation, Copyright (C) 2010 Jens Georg <mail@jensge.org>, Copyright (C) 2013 Intel Corporation, Copyright (C)

					2010, 2014 Jens Georg <mail@jensge.org>.;
104	gst-libav	1.12.4	GNU Lesser General Public License v2.1 or later	https://gstreamer.free desktop.org/download /	Copyright (c) 2002 Fabrice Bellard, Copyright (c) 2007 Benjamin Zores <ben@geexbox.org>, copyright (c) 2006 Michael Niedermayer <michaelni@gmx.at>, Copyright (c) 2012 Aneesh Dogra (lionaneesh) <lionaneesh@gmail.com>, copyright (c) 2006 Baptiste Coudurier <baptiste.coudurier@free.fr>, Copyright (c) 2004 Roman Shaposhnik, Copyright (c) 2008 Vitor Sessak, Copyright (c) S.N. Hemanth Meenakshisundaram	smeenaks at ucsd.edu, Copyright (c) Stefano Sabatini	stefasab at gmail.com, Copyright (c) 2007 Bobby Bingham, Copyright (c) 2015 Matthieu Bouron <matthieu.bouron stupeflix.com>, Copyright (c) 2006 Oded Shimon <ods15@ods15.dyndns.org >, Copyright (C) <2012> Collabora Ltd, Copyright (C) <1999> Erik Walthinsen <omega@cse.ogi.edu>;
105	GstOpenM AX	1.12.4	GNU Lesser General Public License v2.1 only	http://freedesktop.org/ wiki/GstOpenMAX	Copyright (C) 2011, Hewlett-Packard Development Company, L.P, Copyright (C) 2013, Collabora Ltd. Copyright (C) 2014, Sebastian Dröge <sebastian@centricular.com >, Copyright (C) 2014, LG Electronics, Inc. <jun.ji@lge.com>, Copyright (C) 2014, Fluendo, S.A. Copyright (C) 2014, Metrological Media Innovations B.V. Copyright (C) 2015-2016 Renesas Electronics Corporation; Approval required.

| 106 | GStreamer | 1.12.4, 1.0, 0.10 | GNU Lesser General Public License v2.1 or later | http://tracker.debian.org/pkg/gstreamer0.10 | Copyright (C) 2003 Thomas Vander Stichele Copyright (C) 2003 Benjamin Otte Copyright (C) 2005 Andy Wingo , Copyright (C) 2013 Stefan Sauer , Copyright (C) 1999,2000 Erik Walthinsen Copyright (C) 2000 Wim Taymans , Copyright (C) 2004 Thomas Vander Stichele , Copyright (C) 2007-2009 Nokia Corporation, Copyright (C) 2007-2009 Collabora Ltd, Copyright (C) 2003 Benjamin Otte , Copyright (C) 2013 LGE Corporation., Copyright (C) 2011 Sebastian Dröge , Copyright (C) 2007 Jan Schmidt , Copyright (C) 2006 Edward Hervey , Copyright (C) 2007 Andy Wingo , Copyright (C) 2003 Julien Moutte , Copyright (C) 2011 Tim-Philipp Müller , Copyright (C) 2011 David Schleef , Copyright (C) 2014 Vincent Penquerc'h , Copyright (C) 2001 2002 Arien Malec, Copyright (C) 2011 Hewlett-Packard Development Company, L.P; Copyright (C) 2005 Thomas Vander Stichele . Copyright (C) 2005 Ronald S. Bultje . Copyright (C) 2017 by Sasken Technologies Ltd. Copyright (C) 1999 Erik Walthinsen . Copyright (C)1999 A.L. Faber Copyright (C)2001 Jonathan Dee. Copyright (C)1999-2000 Mark Taylor Copyright (C)2000-2012 Robert Hegemann Copyright (C)2000-2005 Alexander Leidinger Copyright (C)1999-2005 Takehiro TOMINAGA Copyright (C)2002-2005 Gabriel Bouvigne Copyright |

(C)2001-2005 Alexander Leidinger Copyright (C)1999-2000 Mark Taylor Copyright (C)1999-2002 Takehiro Tominaga Copyright (C)2000-2012 Robert Hegemann Copyright (C)2001 Naoki Shibata Copyright (C)2002-2005 Gabriel Bouvigne Copyright (C)1999-2000 Mark Taylor Copyright (C)1999-2003 Takehiro Tominaga Copyright (C)2000-2011 Robert Hegemann Copyright (C)2001-2005 Gabriel Bouvigne Copyright (C)1999-2000 Mark Taylor Copyright (C)2001-2002 Naoki Shibata Copyright (C)2000-2003 Takehiro Tominaga Copyright (C)2000-2012 Robert Hegemann Copyright (C)2000-2005 Gabriel Bouvigne Copyright (C)2000-2005 Alexander Leidinger Copyright (C)2002-2008 Gabriel Bouvigne Copyright (C)2007-2012 Robert Hegemann Copyright (C)1999-2000 Takehiro Tominaga Copyright (C)1999-2000 Mark Taylor Copyright (C)2000-2005 Takehiro Tominaga Copyright (C)2000-2017 Robert Hegemann Copyright (C)2000-2005 Gabriel Bouvigne Copyright (C)2000-2004 Alexander Leidinger Copyright (C)2000 Don Melton Copyright (C)2011-2017 Robert Hegemann Copyright (C)1999-2000 Takehiro Tominaga Copyright (C)1999 Mark Taylor Copyright (C)2000-2002 Takehiro Tominaga Copyright (C)2000-2011

					Robert Hegemann Copyright (C)2001 Gabriel Bouvigne Copyright (C)2001 John Dahlstrom Copyright (C)1999-2000 Mark Taylor Copyright (C)1999-2002 Takehiro Tominaga. Copyright (C) 2006-2009 Tim-Philipp Müller .;
107	GSTREAMER PLUGINS-BAD	1.12.4	GNU Library General Public License v2 or later	http://gstreamer.freedesktop.org/src/gst-plugins-bad/	Copyright (C) 2006 Lutz Müller,Copyright (C) 2011 Axis Communications,Copyright (C) 2010 Sebastian Dröge,Copyright (c) 2006 Jürg Billeter Copyright (c) 2005 Ronald S. Bultje,Copyright (c) 2007 Jan Schmidt, Copyright (C) Erik Walthinsen,Copyright (C) 2004 Wim Taymans, Copyright (C) 2006 Tim-Philipp Müller Copyright (C) Vincent Penquerc'h ,Copyright (C) 2010 Texas Instruments, Inc,Copyright (C) 2009 Nokia Corporation,Copyright (C) Thibault Saunier Copyright (C) Collabora Ltd, Copyright (C) Mark Nauwelaerts,Copyright (C) Intel Corporation, Copyright (C) Jan Schmidt Copyright (C) 2009 Robert Swain,Copyright (c) 2005 Michael Niedermayer,Copyright (C) Arun Raghavan,Copyright (C) 2007 Alessandro Decina, Copyright (C) 2010 FIXME.;
108	GSTREAMER PLUGINS-BASE	1.12.4	GNU Library General Public License v2 or later	http://gstreamer.freedesktop.org/src/gst-plugins-base/	Copyright (C) 2007-2008 Jean-Marc Valin Copyright (C) 2008 Thorvald Natvig Copyright (C) 2013 Collabora Ltd Copyright (C) 2013-2014 Tim-Philipp Müller Copyright (C) 2009 Edward Hervey Copyright (C) 1999-2001 Erik Walthinsen

					<omega@cse.ogi.edu> Copyright (C) 2005 Andy Wingo <wingo@pobox.com> Copyright (C) 2010 Sebastian Dröge <sebastian.droege@collabora.co.uk> Copyright (C) 2010 David Schleef Copyright (C) 2003 Ronald Bultje Copyright (C) <2004> Thomas Vander Stichele Copyright (C) 2003 Benjamin Otte Copyright (C) 2006 Wim Taymans Copyright (c) 2009 Thiago Santos Copyright (C) 2007 Rene Stadler Copyright (C) 2009 Nokia Corporation Copyright (C) 2005 Stefan Kost Copyright (C) 2011 Intel Corporation Copyright (C) <2011> Thibault Saunier Copyright (C) <2003> Julien Moutte Copyright (C) 2011 Mark Nauwelaerts Copyright (C) 2010 Brandon Lewis Copyright (C) <2005> Philippe Khalaf Copyright (C) 2006 Ryan Lortie Copyright (C) 2009 Igalia S.L Copyright (C) <2009> Young-Ho Copyright (C) <2006> Zeeshan Ali Copyright (C) 2003 Commonwealth Scientific and Industrial Research.
109	GSTREAMER PLUGINS-GOOD	1.12.4	GNU Library General Public License v2 or later	http://gstreamer.freedesktop.org/src/gst-plugins-good/	Copyright(C)2005 Alessandro Decina,Copyright (C) <1999> Erik Walthinsen <omega@cse.ogi.edu>,Copyright (C) <2003,2004> David Schleef <ds@schleef.org>, Copyright (C) <2011> Jon Nordby <jononor@gmail.com>,Copyright (C) 2006-2009 Lutz Mueller <lutz@topfrose.de>,Copyright (C) <2006> Tim-Philipp

					Müller <tim centricular net> Copyright (C) <2006> Jan Schmidt <thaytan at mad scientist com>,Copyright (C) 2003 Christophe Fergeau <teuf@gnome.org>,Copyright (C) 2008 Jonathan Matthew <jonathan@d14n.org> Copyright (C) 2008 Sebastian Dröge <sebastian.droege@collabora.co.uk>,Copyright (C) <2002> Thomas Vander Stichele <thomas@apestaart.org> Copyright (C) <2006> Jürg Billeter <j@bitron.ch>,Copyright (C) 2002 Ronald Bultje,Copyright (C) 2006 Edgard Lima,Copyright (C) 2010, 2011 Alexey Chernov Copyright (C) 2007-2008 Tim-Philipp Müller,Copyright (C) 2006 Mindfruit Bv,Copyright (C) 2004 Wim Taymans,Copyright (C) 2006 Mark Nauwelaerts, Copyright (C) <2006> Nokia Corporation, Stefan Kost <stefan.kost@nokia.com>,Copyright (C) 2003 Arwed v. Merkatz,Copyright (C) 2009 Thijs Vermeir, Copyright (C) 2008 Axis Communications,Copyright 2007 Collabora Ltd,Copyright (C) <2009> STEricsson,Copyright (C) 2003-2004 Benjamin Otte, Copyright (C) <2003> iOS-Software,Copyright (C) 2001 FUKUCHI Kentarou.;
110	gstreamer-vspfilter	1.0.0	GNU Library General Public License v2 or later	https://github.com/renesas-rcar/gst-plugin-vspfilter	Copyright (C) 2010 David Schleef, Copyright(C)<1999> Erik Walthinsen, Copyright(C)2003 Ronald Bultje, Copyright(C)2014,2016

					Renesas Electronics Corporation.;
111	gst-rtsp-server	1.12.4	GNU Library General Public License v2 or later	http://github.com/sebp/gst-rtsp-server/	Copyright(C)2005,2006,2008,2010,2013 Wim Taymans <wim at fluendo dot com>, Copyright (C) 2015 Centricular Ltd, Copyright (C) <2006> Lutz Mueller <lutz at topfrose dot de> Copyright (C) <2015> Jan Schmidt <jan at centricular dot com>;
112	GUPnP	1.0.2	GNU Library General Public License v2 or later	http://www.gupnp.org/	Copyright (C) 2015 Jens Georg, Copyright (C) 2011,2013,2014 Jens Georg, Copyright (C) 2006,2007,2008 OpenedHand Ltd, Copyright (C) 2009,2011 Nokia Corporation, Copyright (C) 2013 Intel Corporation, Copyright (C) 2007 Zeeshan Ali (Khattak).;
113	GUPnP-AV	0.12.10	GNU Library General Public License v2 or later	https://developer.gnome.org/gupnp-av/unstable/	Copyright (C) 2012 Intel Corporation Copyright (C) 2009 Nokia Corporation.Copyright (C) 2007 Zeeshan Ali (Khattak) <zeeshanak@gnome.org>, Copyright (C) 2012 Intel Corporation.Copyright (C) 2008 OpenedHand Ltd.Copyright (C) 2012 Intel Corporation Copyright (C) 2007, 2008 OpenedHand Ltd.;
114	GUPnP-DLNA	0.10.5	GNU Library General Public License v2 or later	https://developer.gnome.org/gupnp-dlna/unstable/	Copyright (C) 2012, 2013 Intel Corporation.;
115	gzip	1.3.12	GNU General Public License v2.0 or later	http://savannah.gnu.org/projects/gzip/	Copyright (C) 1998, 2002, 2006, 2007 Free Software Foundation,Copyright (C) 1992,1993 Jean-loup Gailly.;
116	half	1.11.0	MIT License	http://sourceforge.net/projects/half/	Copyright (c) 2012-2013 Christian Rau
117	HarfBuzz	1.7.5, 1.7.4, 1.0.2	MIT License	http://tracker.debian.org/pkg/harfbuzz	Copyright © 2009 Red Hat, Inc., Copyright © 2011 Codethink Limited, Copyright © 2010,2011,2012 Google, Inc;

118	HFS Utilities	3.2.6	GNU General Public License v2.0 or later	http://www.mars.org/home/rob/proj/hfs/	Copyright (C) 1996-1998 Robert Leslie
119	hidapi	0.6.0	BSD 2-Clause "Simplified" License	http://github.com/signal11/hidapi/	Copyright 2009 FreeBSD.;
120	hostapd - IEEE 802.11 AP & IEEE 802.1X/WPA/WPA2/EAP/RADIUS Authenticator	2.9	BSD 3-Clause "New" or "Revised" License	http://hostap.epitest.fi/hostapd/	Copyright (c) 2002-2015,Jouni Malinen, Copyright (c) 2003-2004, Instant802 Networks, Inc. Copyright (c) 2013, Qualcomm Atheros, Inc, Copyright (c) 2005-2006 Devicescape Software, Inc, Copyright (c) 2007-2008 Intel Corporation, Copyright (c) 2006-2010 Johannes Berg <johannes@sipsolutions.net>, Copyright (C) 2008 Michael Wu <flamingice@sourmilk.net>, Copyright (C) 2008 Luis Carlos Cobo <luisca@cozybit.com>, Copyright (C) 2008 Michael Buesch <m@bues.ch>, Copyright (C) 2008, 2009 Luis R. Rodriguez <lrodriguez@atheros.com>, Copyright (C) 2008 Colin McCabe <colin@cozybit.com> Copyright (C) 2015 Intel Deutschland GmbH Copyright (c) 2009-2010 Atheros Communications, Copyright (c) 2004, Gunter Burchardt <tira@isx.de>.;
121	i2c-tools	4.0	GNU General Public License v2.0 or later	http://github.com/groeck/i2c-tools/	Copyright (C) by 2002-2003 Stefano Barbato, Copyright (C) 1995-97 Simon G ,Copyright (C) 1998-99 Frodo Looijaard, Copyright (C) 1995-97 Simon G. Vogl, Copyright (C) 2008-2012 Jean Delvare;
122	ICU - International Component	60.2, 4.6.1	Unicode License	http://site.icu-project.org/	Copyright 2001-2004 Unicode, Inc

	s for Unicode				
123	IEEE 802.1d ethernet bridging	1.6	GNU General Public License v2.0 or later	http://sourceforge.net/projects/bridge/	Copyright (C) 2000 Lennert Buytenhek.;
124	Info-ZIP project - source-Zip_1	3	Info-ZIP Updated License	http://sourceforge.net/projects/infozip/	Copyright (c) 1990-2008 Info-ZIP, Copyright (C) 1995 Mark Adler;
125	initscripts	1.0-r155	GNU General Public License v2.0 only	https://git.yoctoproject.org/cgit.cgi/poky/plain/meta/recipes-core/initscripts/initscripts-1.0/	Copyright (C) 1989, 1991 Free Software Foundation, Inc.,;
126	Intltool	0.51.0	GNU General Public License v2.0 w/Autoconf exception	http://www.gnome.org	Copyright (C) 1996-1999 Free Software Foundation, Inc., Copyright (C) 2001 Eazel, Inc.;
127	IPTables	1.8.3	GNU General Public License v2.0 or later	http://www.netfilter.org/	Copyright © Jan Engelhardt 2011, Copyright © CC Computer Consultants GmbH 2007, Copyright (C) 2002-2008 BalaBit IT Ltd, Copyright © Sebastian Claßen, Copyright (c) 2007 Sven Schnelle, Copyright (c) 2000 Marc Boucher, Copyright (c) 2013 Patrick McHardy, Copyright (C) 2000 Emmanuel Roger, Copyright (C) 2003-2010 Jozsef Kadlecsik, Copyright (C) 2006 Red Hat, Inc., James Morris <jmorris@redhat.com>, Copyright (c) 2003+ Evgeniy Polyakov <zbr@ioremap.net>, Copyright (C) 2010 Nokia Corporation, Copyright Google, Inc. 2013, Copyright(C)2006 USAGI/WIDE Project, Copyright(C)1999 Paul ``Rusty' Russell, Copyright(C) 2000-2002 by Harald Welte, Copyright(C) 2000-2002 Joakim Axelsson, Copyright(C) 2008 Adam Nielsen, Copyright(C) 2011 by Pablo

				Neira, Copyright(C) 2002,2004 MARA Systems AB, Copyright(C) 2010-2011, Thomas Graf;
128	ISC BIND	9.11.12	Mozilla Public License 2.0	http://tracker.debian.org/pkg/bind9	Copyright (C) 2004 Nominet, Ltd. Copyright (C) 1995-2000 by Network Associates, Inc. Copyright ((c)) 2002, Rice University, Copyright (c) 1993 by Digital Equipment Corporation. Copyright (c) 2008, Damien Miller, Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project. Copyright (C) 1996-2014 Internet Software Consortium. Copyright (c) 1996, David Mazieres.;
129	ISC DHCP	4.4.1	Mozilla Public License 2.0	https://www.isc.org/software/dhcp	Copyright (c) 1995-2014 by Internet Systems Consortium, Inc. ("ISC"), Copyright (c) 1995 RadioMail Corporation.;
130	iw-ct	4.14	ISC License	http://github.com/greearb/iw-ct/	Copyright 2007, 2008 Johannes Berg
131	jack2	1.9, git-jack2_k05	GNU General Public License v2.0 or later	http://github.com/johnsen/jack2/	Copyright (C) 2004-2008,2009-2013 Grame, Copyright (C) 2008-2012 Grame, Copyright (C) 2001-2003 Paul Davis, Copyright (C) 2008 Nedko Arnaudov, Copyright (C) 2008 Grame & RTL, Copyright (C) 2017 Timo Wischer, Copyright (C) 2004 Rui Nuno, Copyright (C) 2007 Dmitry Baikov Copyright (C) 2010,2011 Devin Anderson, Copyright (C) 2008-2011 Romain Moret, Copyright (C) 2008-2011 Torben Horn, Copyright (C) 2008 Pieter Palmers, Copyright (C) 2008 Marc-Olivier, Copyright (C) 2003,2004 Jack O'Quin, Copyright (C) 2002 Anthony Van, Copyright (C) 2004 Ian Esten, Copyright (c) 2006,2007 Dmitry S, Copyright (C) 2003-2008 Fons Adriaensen, Copyright (C) 2005 Samuel TRACOL.;

132	jalv	1.6.0	ISC License	http://drobilla.net/software/jalv	Copyright(C) 2011,2011-2014,2012-2014,2007-2016,2008-2016,2016 David Robillard <http://drobilla.net>, Copyright (C) 2017 Timo Wischer <twischer@de.adit-jv.com>.;
133	Jam STAPL Byte-Code Player	2.2.0	Jam STAPL Software License	https://www.intel.com/content/www/us/en/programmable/support/support-resources/download/legacy/jam/dnl-byte_code_player.html	Copyright (C) Altera Corporation 1997-2001, Copyright Robert Bosch Car Multimedia 2016-2017;
134	jansson	2.12	MIT License	http://github.com/akheron/jansson/	Copyright (c) 2009-2016 Petri Lehtinen <petri@digip.org>;
135	johnrengelman/shadow	4.6	BSD 3-Clause "New" or "Revised" License	http://github.com/johnrengelman/shadow/	Copyright (c) 1996 - 2000, Marek Michałkiewicz, Copyright (c) 1991 - 1994, Julianne Frances Haugh Copyright (c) 2000 - 2006, Tomasz Kłoczko Copyright (c) 2007 - 2011, Nicolas François, Copyright (c) 2001 , Michał Moskal , Copyright (c) 2013 Eric Biederman, Copyright (c) 2006 , Jonas Meurer. Copyright (c) 2004 The FreeBSD Project.;
136	json-c	0.12.0, 0.13	MIT License	http://tracker.debian.org/pkg/json-c	Copyright (c) 2004, 2005 Metaparadigm Pte. Ltd, Copyright (c) 2012 Eric Haszlakiewicz, Copyright (c) 2009 Hewlett-Packard Development Company, Copyright (c) 2008-2009 Yahoo! Inc.;
137	JSON-CPP	1.9.2, 1.8.4, 1.7.7,	MIT License	http://github.com/open-source-parsers/jsoncpp/	Copyright (C) 2007-2011 Baptiste Lepilleur,Copyright (C) 2007-2010 Baptiste Lepilleur.;
138	jubatus-mpio	0.4.5	Apache License 2.0	https://github.com/jubatus/jubatus-mpio	Copyright (C) 2008-2010 FURUHASHI Sadayuki, Copyright (C) 2013 Preferred Infrastructure and Nippon Telegraph and Telephone Corporation;

139	jubatus-msgpack-rpc	0.4.4	Apache License 2.0	https://github.com/jubatus/jubatus-msgpack-rpc	Copyright (C) 2009-2010 FURUHASHI Sadayuki, Copyright (C) 2013 Preferred Networks and Nippon Telegraph and Telephone Corporation.;
140	Kernel Configuration System	0.1.1	GNU General Public License v2.0 or later	http://savannah.nongnu.org/projects/kernelconf/	Copyright © 2017 Free Software Foundation,Inc
141	Khronos Group - OpenGL ES	3.0	MIT License MultipleLicenses: Apache 2.0	http://www.khronos.org/opengles/	Copyright (c) 2013-2017 The Khronos Group Inc.
142	Khronos Group - OpenMAX	1.1.2	MIT License	http://www.khronos.org/openmax/	Copyright (c) 2016 The Khronos Group Inc, Copyright (C) 2015-2016 Renesas Electronics Corporation;
143	Kmod	25, 21, 4.0	GNU Lesser General Public License v2.1 or later	https://www.kernel.org/pub/linux/utils/kernel/kmod/	Copyright (C) 2011-2013 ProFUSION embedded systems, Copyright (C) 2004-2012 Kay Sievers <kay@vrfy.org>, Copyright (C) 2013 Michal Marek, SUSE. Copyright (C) 2013 Intel Corporation, All rights reserved.;
144	Lib Cap	2.24, 2.25	GNU General Public License v2.0 or later	http://sites.google.com/site/fullycapable/	Copyright (c) 1997,2007-8 Andrew G. Morgan <morgan@kernel.org>, Copyright (C) 2010 Serge Hallyn <serue@us.ibm.com>, Copyright (C) 1997 Aleph One;
145	libaio	0.3.110	GNU Library General Public License v2 or later	http://web.archive.org/web/20041217094210/http://www.kvack.org/~blah/aio/	Copyright 2000,2001,2002 Red Hat, Inc.;
146	Libarchive	3.3.2	BSD 3-Clause "New" or "Revised" License	http://tracker.debian.org/pkg/libarchive	Copyright (c) 2003-2010 Tim Kientzle,All rights reserved. Copyright (c) 2012 Michihiro NAKAJIMA,All rights reserved. Copyright (c) 2003-2007 Tim Kientzle,,All rights reserved. Copyright (c) 2011 Andres Mejia,,All rights reserved. Copyright (c) 2008 Anselm Strauss. Copyright (c) 2006 Rudolf Marek SYSGO s.r.o. Copyright (c) 2011 Michihiro NAKAJIMA,All rights

					reserved. Copyright (c) 2002 Thomas Moestl <tmm@FreeBSD.org>,All rights reserved. Copyright (c) 2010-2011 Michihiro NAKAJIMA. Copyright (c) 2010-2012 Michihiro NAKAJIMA. Copyright (c) 2012 Michihiro NAKAJIMA. Copyright (c) 2011-2012 Michihiro NAKAJIMA. Copyright (c) 2011 Tim Kientzle. Copyright (c) 2001 The NetBSD Foundation, Inc,All rights reserved. Copyright (c) 2003-2011 Tim Kientzle. Copyright (c) 2003-2012 Tim Kientzle. Copyright (c) 2003-2009 Tim Kientzle. Copyright (c) 2008 Joerg Sonnenberger,All rights reserved. Copyright (c) 2007 Joerg Sonnenberger. Copyright (c) 1985, 1986, 1992, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 2009-2012 Michihiro NAKAJIMA. Copyright (c) 2010 Nokia Corporation and/or its subsidiary(-ies). Copyright (c) 2007 Kai Wang. Copyright (c) 2012 Ondrej Holy. Copyright (c) 2002 Thomas Moestl<tmm@FreeBSD.org >.;
147	libbacktarce	Unspecified	BSD 3-Clause "New" or "Revised" License	https://github.com/jam el/libbacktrace	Copyright(C) 2012-2016 Free Software Foundation, Inc;
148	libblkid	2.32.1	GNU Lesser General Public License v2.1 or later	http://linux.die.net/ma n/3/libblkid	Copyright (C) 2001 Andreas Dilger Copyright (C) 2003 Theodore Ts'o Copyright (C) 2008 Karel Zak <kzak@redhat.com>; Confirmed By:; Identified By:Chetan Anandu Achari(ECT3) ;
149	libbsd	0.10.0	BSD 3-Clause "New" or "Revised" License	http://libbsd.freedeskt op.org/wiki/	Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.co

					m>, Copyright (c) 2001 FreeBSD Inc, Copyright (c) 2004 Ted Unangst and Todd Miller, Copyright (c) 2001 Mike Barcroft <mike@FreeBSD.org>, Copyright © 2012-2013 Guillem Jover <guillem@hadrons.org>, Copyright (c) 1998, M. Warner Losh <imp@freebsd.org>, Copyright (c) 2008 Otto Moerbeek <otto@drijf.net>, Copyright © 2006 Robert Millan, Copyright (c) 2005 Pawel Jakub Dawidek <pjd@FreeBSD.org>, Copyright (c) 1997 Christos Zoulas, Copyright (c) 2000 The NetBSD Foundation, Inc, Copyright (c) 2007 Dag-Erling Coïdan Smørgrav, Copyright © 2005 Hector Garcia Alvarez, Copyright (c) 2007 Eric Anderson <anderson@FreeBSD.org>, Copyright (c) 1996, David Mazieres <dm@uun.org>, Copyright (c) 2008, Damien Miller <djm@openbsd.org> ;
150	libcap-ng	0.7.8	GNU General Public License v2.0 or later	http://people.redhat.com/sgrubb/libcap-ng/	Copyright (C) 1989, 1991 Free Software Foundation, Inc, Copyright 2009, 2013 Red Hat Inc., Durham, North Carolina;
151	Libconfig - Configuration File Library_1	1.5	GNU Lesser General Public License v2.1 or later	http://tracker.debian.org/pkg/libconfig	Copyright (C) 2005-2014 Mark A Lindner.;
152	libcroco	0.6.12	GNU Lesser General Public License v2.1 or later	http://tracker.debian.org/pkg/libcroco	Copyright(C) Dodji Seketeli <dodji@gnome.org> Copyright(C) Gael Chamoulaud <strider@gnome.org> Copyright(C) Rob BUIS <rwlbuis@xs4all.nl>.;
153	libdaemon	0.14	GNU Lesser General Public License v2.1 or later	http://www.linuxfromscratch.org/blfs/view/svn/general/libdaemon.html	Copyright 2003-2008 Lennart Poettering;

154	libdrm	2.4.91, 2.4.46, 2.4.62	MIT License	http://dri.freedesktop.org/wiki/	Copyright 1999 Precision Insight, Inc., Cedar Park, Texas,All Rights Reserved. Copyright 2000 VA Linux Systems, Inc., Sunnyvale, California,All Rights Reserved. Copyright © 2014 NVIDIA Corporation. Copyright (c) 2007-2008 Tungsten Graphics, Inc., Cedar Park, Texas. Copyright (c) 2007-2008 Dave Airlie . Copyright (c) 2007-2008 Jakob Bornecrantz . Copyright (C) 2013-2014 Mentor Graphics. Copyright (c) 2008 Red Hat Inc. Copyright (c) 2007-2008, 2011 Intel Corporation.;
155	libelf	1.8	GNU Library General Public License v2 only	https://github.com/WolfgangSt/libelf/tree/master/lib	Copyright (C) 1995 - 2001 Michael Riepe>
156	libev	4.24	BSD 2-Clause "Simplified" License	http://software.schmorp.de/pkg/libev	Copyright (c) 2007,2008,2009,2010,2011 Marc Alexander Lehmann <libev@schmorp.de>,All rights reserved. Copyright (c) 2007,2008,2009,2010,2011,2012,2015 Marc Alexander Lehmann <libev@schmorp.de>,All rights reserved. Copyright (c) 2007,2008,2009,2010,2012 Marc Alexander Lehmann <libev@schmorp.de>,All rights reserved.;
157	libevdev	1.5.8	MIT License	http://www.freedesktop.org/wiki/Software/libevdev/	Copyright © 2013 Red Hat, Inc. Copyright © 2013 David Herrmann <dh.herrmann@gmail.com>. Copyright (c) 1999-2002 Vojtech Pavlik.;
158	libevent - an asynchronous event library	2.1.8-stable	BSD 3-Clause "New" or "Revised" License	http://github.com/nmathewson/Libevent/	Copyright (c) 2000-2007 Niels Provos <provos@citi.umich.edu>, Copyright (c) 2010 Chris Davis, Niels Provos, and Nick Mathewson, Copyright (c) 1996, David Mazieres

					\<dm@uun.org>, Copyright (c) 2008, Damien Miller \<djm@openbsd.org>, Copyright (c) 1998 Todd C. Miller \<Todd.Miller@courtesan.com>.;
159	libffi	3.2.1	MIT License	http://tracker.debian.org/pkg/libffi	Copyright (c) 1999, 2008 Red Hat, Inc., Copyright (c) 2011, 2012 Anthony Green, Copyright (C) 2007, 2009, 2010 Free Software Foundation, Copyright (c) 2011 Plausible Labs Cooperative, Copyright (c) 2009, 2010, 2011, 2012 ARM Ltd;
160	libgbm	17.3.6	MIT License	http://github.com/robclark/libgbm/	Copyright(C)2011 Intel Corporation, Copyright(c)2013 Renesas Solutions Corp;
161	libgcrypt	1.8.5	GNU Lesser General Public License v2.1 or later	http://www.gnupg.org	Copyright (C) 1994, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 Free Software Foundation, Inc. Copyright (C) 1994, 1996, 1997, 1998, 2000, 2002 Free Software Foundation, Inc. Copyright (C) 2012, 2013, 2015, 2017 g10 Code GmbH. Copyright (C) 2017 Bundesamt für Sicherheit in der Informationstechnik. Copyright (C) 2013 Stephan Mueller \<smueller@chronox.de>. Copyright (C) 2013,2013-2014,2016,2017,2012-2017, Jussi Kivilinna. Copyright (C) 2013 Dmitry Eremin-Solenikov. Copyright (C) 2012 Simon Josefsson ,Niels Möller. Copyright (C) 2013 Christian Grothoff. Copyright (C) 2013 g10 Code GmbH. Copyright (C) 1997, 1998, 1999 by Werner Koch (dd9jn) Copyright (C) 2003 Nikos Mavroyanopoulos. Copyright

					(C) 2013 Dmitry Eremin-Solenikov. Copyright (C) 2006,2007 NTT (Nippon Telegraph and Telephone Corporation). Copyright (C) 2017 g10 Code GmbH. Copyright (C) 2017 Bundesamt für Sicherheit in der Informationstechnik. Copyright (C) 2013,2014 Stephan Mueller <smueller@chronox.de>. Copyright (C) 2012 Dmitry Kasatkin.
162	Libgee	0.20.1	GNU Lesser General Public License v2.1 or later	https://wiki.gnome.org/action/show/Projects/Libgee	Copyright (C) 2007 Jürg Billeter, Copyright (C) 2009 Ali Sabil, Copyright (C) 2009 Didier Villevalois, Copyright (C) 2012-2014 Maciej Piechotka, Copyright (C) 2004-2005 Novell, Inc;
163	Libgpg-error Lib	1.27	GNU Lesser General Public License v2.1 or later	http://www.gnupg.org/	Copyright (C) 2003, 2004, 2010, 2013, 2014, 2015 g10 Code GmbH, Copyright (C) 2005-2009 Free Software Foundation, Inc.;
164	libgpiod	git-r0	GNU Lesser General Public License v2.1 or later	https://github.com/brgl/libgpiod	Copyright (C) 2017-2018 Bartosz Golaszewski <bartekgola@gmail.com>;
165	libgudev	232	GNU Library General Public License v2 or later	https://github.com/GNOME/libgudev	Copyright (C) 2008-2010 David Zeuthen .;
166	libical	2.0.0	GNU Lesser General Public License v2.1 or later	http://tracker.debian.org/pkg/libical3	Copyright (c) 1986-2000, Hiram Clawson, Copyright (C) 2000 Eric Busboom, Copyright (c) 2001-2006, NLnet Labs, Copyright 2007, Novell, Inc, Copyright (c) 1994 Gisle Hannemyr, Copyright (C) 2002 Andrea Campi, Copyright 1996 Apple Computer, Inc., AT&T Corp., International Business Machines Corporation, Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.;

167	libinput	1.9.4	MIT License	https://www.freedeskt op.org/wiki/Software/li binput/	Copyright © 2010,2011,2012,2013 Intel Corporation, Copyright © 2013 Jonas Ådahl, Copyright © 2013-2015 Red Hat.Inc. Copyright © 2008-2011 Kristian Høgsberg, Copyright © 2006-2009 Simon Thum,;
168	libjpeg	9a, 1.5.3	Independent JPEG Group License	http://www.ijg.org/	Copyright (C) 1991-1998, Thomas G. Lane;
169	libjson	7.6.1	BSD 2-clause "Simplified" License	http://sourceforge.net/ projects/libjson/	Copyright 2011 Streamwide
170	libjson-rpc-cpp	1.1.0	MIT License	http://github.com/cine mast/libjson-rpc-cpp/	Copyright (c) 2012 Jakob Progsch, Václav Zeman, Copyright (C) 2011-2017 Peter Spiess-Knafl<dev@spiessknafl.at>.;
171	libktx	2	BSD-like license (libktx)	https://www.khronos. org/opengles/sdk/tool s/KTX/doc/libktx/licen sing.html	Copyright:2008-2009 The Khronos Group Inc
172	libmediaart	2.0.0	GNU Lesser General Public License v2.1 or later	https://developer.gno me.org/libmediaart/un stable/	Copyright (C) 2008, Nokia <ivan.frade@nokia.com>
173	libmnl	1.0.4	GNU Lesser General Public License v2.1 or later	http://www.netfilter.or g/projects/libmnl/	Copyright (C) 2008-2010 by Pablo Neira Ayuso <pablo@netfilter.org>, Copyright (C) 2008-2012 by Pablo Neira Ayuso <pablo@netfilter.org>.;
174	libmtp	1.1.14, 1.1.6	GNU Library General Public License v2 or later	http://sourceforge.net/ projects/libmtp/	Copyright (C) 2006 Andy Kelk <andy@mopoke.co.uk>, Copyright (C) 2006 Chris A. Debenham <chris@adebenham.com>, Copyright (C) 2007 Ted Bullock <tbullock@canada.com>, Copyright (C) 2007 Tero Saarni <tero.saarni@gmail.com> Copyright (C) 2008 Florent Mertens <flomertens@gmail.com> Copyright (C) 2005-2008 Linus Walleij <triad@df.lth.se>, Copyright

					(C) 2005-2012 Linus Walleij <triad@df.lth.se>, Copyright (C) 2005-2008 Richard A. Low <richard@wentnet.com> Copyright (C) 2001-2004 Mariusz Woloszyn <emsi@ipartners.pl>, Copyright (C) 2001 Mariusz Woloszyn <emsi@ipartners.pl>, Copyright (C) 2003-2012 Marcus Meissner <marcus@jet.franken.de>, Copyright (C) 2006-2008 Linus Walleij <triad@df.lth.se>.;
175	libnfsidmap	0.25	BSD 3-Clause "New" or "Revised" License	http://www.citi.umich.edu/projects/nfsv4/linux/faq/#nameid	Copyright (c) 1998, 1999, 2000, 2001 Niklas Hallqvist. All rights reserved., Copyright (c) 2000, 2001, 2002 Håkan Olsson. All rights reserved., Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>, Copyright (c) 2008 David Härdeman <david@hardeman.nu>;
176	libogg	1.3.3	BSD 3-Clause "New" or "Revised" License	http://xiph.org/ogg/	(C) COPYRIGHT 1994-2010 by the Xiph.Org Foundation http://www.xiph.org/ ;
177	libp11	0.4.10, 0.4.11	GNU Lesser General Public License v2.1 or later	https://github.com/OpenSC/libp11/tree/libp11-0.4.10	Copyright (C) 2005 Olaf Kirch <okir@lst.de> Copyright (C) 2016 Michał Trojnara <Michal.Trojnara@stunnel.org> Copyright (C) 2010-2012 Free Software Foundation, Inc. Copyright (C) 2014 Red Hat Copyright (C) 2018 Michał Trojnara <Michal.Trojnara@stunnel.org> Copyright (C) 2005 Olaf Kirch <okir@lst.de> Copyright (c) 2001 Markus Friedl Copyright (c) 2002 Juha Yrjölä Copyright (c) 2002 Olaf Kirch Copyright (c) 2003 Kevin Stefanik Copyright (c) 2016-2018 Michał Trojnara <Michal.Trojnara@stunnel.o

					rg> Copyright (C) 1999-2001 The OpenSSL Project Authors. All Rights Reserved. Copyright (C) 1995-2017 The OpenSSL Project Authors. All Rights Reserved. Copyright (c) 2003 Kevin Stefanik (kstef@mtppi.org) Copyright (c) 2016-2018 Michał Trojnara <Michal.Trojnara@stunnel.org> Copyright (C) 1995-2017 The OpenSSL Project Authors. All Rights Reserved. Copyright (C) 2017 Douglas E. Engert <deengert@gmail.com> Copyright (C) 2017-2018 Michał Trojnara <Michal.Trojnara@stunnel.org> Copyright (C) 2011, 2013 Douglas E. Engert <deengert@anl.gov> Copyright (C) 2014, 2016 Douglas E. Engert <deengert@gmail.com> Copyright (C) 2016-2018 Michał Trojnara <Michal.Trojnara@stunnel.org> Copyright (C) 2008-2010 by Pablo Neira Ayuso <pablo@netfilter.org> Copyright (C) 2008-2012 by Pablo Neira Ayuso <pablo@netfilter.org>.;
178	libpcap	1.8.1	BSD 3-Clause "New" or "Revised" License	https://github.com/the-tcpdump-group/libpcap	Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998 The Regents of the University of California. All rights reserved, Copyright (c) 2009 Felix Obenhuber.;
180	libpng	1.6.37, 1.6.34, 1.6.32	libpng License	http://tracker.debian.org/pkg/libpng1.6	Copyright (c) 1998-2002,2004,2006-2017 Glenn Randers-Pehrson (Version 0.96 Copyright (c) 1996, 1997 Andreas Dilger) (Version 0.88 Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.).;

181	libpsl	0.21.0	MIT License	http://tracker.debian.org/pkg/libpsl	Copyright(c) 2014-2018 Tim Ruehsen. Copyright (C) 2015-2016 The Chromium Authors. All rights reserved.;
182	librsvg	2.40.20	GNU Library General Public License v2 or later	https://wiki.gnome.org/action/show/Projects/LibRsvg	Copyright (C) 2004-2005 Dom Lachowicz <cinamod@hotmail.com>, Copyright (C) 2000 Eazel, Inc. Copyright © 2010,2011 Christian Persch, Copyright (C) 2004,2005 Caleb Moore, Copyright (C) 2006 Robert Staudinger <robert.staudinger@gmail.com>, Copyright (C) 2005 Red Hat, Inc.;
183	libselinux	3.0	GNU General Public License v2.0 only	https://github.com/SELinuxProject/selinux/tree/libselinux-2.8/libselinux	Copyright (C) 2004 Red Hat, Inc., James Morris <jmorris@redhat.com>.;
184	libsemanage	3	GNU Lesser General Public License v2.1 or later	https://github.com/SELinuxProject/selinux/tree/master/libsemanage	Copyright (C) 2005 Red Hat, Inc, Copyright (C) 2005 Tresys Technology, LLC, Copyright (C) 2017 Mellanox Technologies Inc;
185	libsepol	3	GNU Lesser General Public License v2.1 or later	https://github.com/SELinuxProject/selinux/tree/checkpolicy-2.8/libsepol	Copyright 2011 Tresys Technology, LLC, Copyright (C) 2004-2005 Trusted Computer Solutions, Copyright (C) 2017 Mellanox Techonolgies, Copyright (C) 2003,2007 Red Hat, Inc, Copyright (c) 2008 NEC Corporation;
186	libsigc++	2.10.0	GNU Lesser General Public License v2.1 or later	http://libsigc.sourceforge.net/	Copyright (C) 2002 The libsigc++ Development Team, Copyright (C) 2003 The libsigc++ Development Team.;
187	libsndfile	1.0.28, 1.0.27	GNU Lesser General Public License v2.1 only	http://tracker.debian.org/pkg/libsndfile	Copyright (C) 2003-2011 Erik de Castro Lopo, Copyright (C) 2007 Reuben Thomas, Copyright (C) 2004-2005 David Viens, Copyright (C) 2004 Paavo Jumppanen, Copyright (C) 2002-2005 Michael Smith, Copyright (c) 2002, Xiph.org Foundation, Copyright (C) 2007 John ffitch, Copyright (c) 2007 <robs@users.sourceforge.n

					et>, Copyright 1992 by Jutta Degener and Carsten Bormann, Technische , Copyright (C) 2004 Tobias Gehrig Universitaet Berlin, Copyright (C) 2003 Ross Bencina;
188	Libsodium	1.0.18	ISC License	https://libsodium.gitbook.io/doc/	Copyright 2005,2007,2009 Colin Percival All rights reserved., Copyright 2005,2007,2009 Colin Percival All rights reserved
189	libsolv	0.6.33	BSD 3-Clause "New" or "Revised" License	http://github.com/openSUSE/Open-Build-Service/	Copyright (c) 2007-2015, SUSE LLC Copyright (c) 2016, SUSE Inc. Copyright (c) 2017, SUSE Inc. Copyright (c) 2007-2017, SUSE Inc. Copyright (c) 2007-2015, SUSE LLC. Copyright (c) 2009-2015, SUSE LLC Copyright (c) 2012, Novell Inc. Copyright (c) 2007, Novell Inc. Copyright (c) 2008, Novell Inc. Copyright (c) 2007-2008, Novell Inc. Copyright (c) 2007-2009, Novell Inc. Copyright (c) 2007-2012, Novell Inc. Copyright (c) 2009-2016, SUSE LLC Copyright (c) 2011, Novell Inc. Copyright (c) 2012, Novell Inc. Copyright (c) Solar Designer <solar@openwall.com> in 2001, Copyright (c) Steve Reid <sreid@sea-to-sky.net>. Copyright (c) 2000-2001, Aaron D. Gifford,All rights reserved.;
190	libsoup	2.68.2	GNU Library General Public License v2 or later	http://tracker.debian.org/pkg/libsoup2.4	Copyright (C) 2007,2008,2013 Red Hat, Inc. Copyright (C) 2008 Diego Escalante Urrelo. Copyright (C) 2009 Gustavo Noronha Silva. Copyright (C) 1999-2003,2000-2003,2001-2003, Ximian, Inc. Copyright (C) 2010-2012 Red Hat, Inc. Copyright (C) 2009,2010,2012,2013 Igalia

					S. Copyright (C) 2003, 2005, 2007 Novell, Inc. Copyright (C) 2009,2011,2012 Collabora Ltd. Copyright (C) 2001-2004,2003, 2005, 2007 Novell, Inc.;
191	libtheora	1.1.1	libtheora License	http://www.theora.org/	COPYRIGHT (C) 2002-2009 by the Xiph.Org Foundation and contributors
192	Libtiff	4.0.9	libtiff License	http://www.libtiff.org/	Copyright (c) 1995-1997 Sam Leffler, Copyright (c) 1995-1997 Silicon Graphics, Copyright (c) 1996 Pixar, Copyright (c) Joris Van Damme <info@awaresystems.be>, Copyright (c) AWare Systems
193	libtirpc	1.0.2	BSD 3-Clause "New" or "Revised" License	http://sourceforge.net/projects/libtirpc/	Copyright (c) 2009, Sun Microsystems, Inc,All rights reserved. Copyright (c) 1986 - 1991, 1994, 1996, 1997 by Sun Microsystems, Inc,All rights reserved. Copyright (c) 2010, Oracle America, Inc,All rights reserved.;
194	LIBUNIBRE AK	2.1	zlib License	http://vimgadgets.sourceforge.net/libunibreak/	Copyright (C) 2008-2011 Wu Yongwei <wuyongwei at gmail dot com>,Copyright (C) 2012 Tom Hacohen <tom@stosb.com>
195	Libunwind	1.2.1	MIT License	http://savannah.nongnu.org/projects/libunwind/	Copyright (C) 2001-2005 Hewlett-Packard Co Contributed by David Mosberger, Copyright (C) 2004 BEA Systems Contributed by Thomas Hallgren, Copyright (c) 2003-2005 Hewlett-Packard Development Company, L.P. Contributed by David Mosberger, Copyright (C) 2007 David Mosberger, Copyright (C) 2012 Tommi Rantala <tt.rantala@gmail.com>, Copyright (C) 2008 CodeSourcery, Copyright (C) 2011 Linaro Limited.;
196	libusb	1.0.21, 0.1.5, 1.0	GNU Lesser General Public	http://rubygems.org/gems/libusb	Copyright © 2001 Johannes Erdfelt <johannes@erdfelt.com>,

					Copyright © 2007-2008 Daniel Drake <dsd@gentoo.org>, Copyright © 2012 Pete Batard <pete@akeo.ie>, Copyright © 2012 Nathan Hjelm <hjelmn@cs.unm.edu>, Copyright © 2013 Hans de Goede, Copyright © 2011 Vitali Lovich, Copyright © 2011 Peter Stuge, Copyright © 2013 RealVNC Ltd.;
197	libusbgx	0.1.0	GNU Lesser General Public License v2.1 or later	https://github.com/libusbgx/libusbgx	Copyright (C) 2013 Linaro Limited.;
198	libuv - joyent/libuv	1.31.0	MIT License	http://github.com/libuv/libuv/	Copyright libuv project contributors. All rights reserved. Copyright (c) 2011, 2018 Ben Noordhuis <info@bnoordhuis.nl>. Copyright (c) 2013, Ben Noordhuis <info@bnoordhuis.nl>. Copyright Joyent, Inc. and other Node contributors. All rights reserved. Copyright (c) 2004 by Internet Systems Consortium, Inc. ("ISC"). Copyright (c) 1996-1999 by Internet Software Consortium.;
199	libvorbis	1.3.5	BSD 3-Clause "New" or "Revised" License	http://www.vorbis.com/	COPYRIGHT (C) 1994-2009 by the Xiph.Org Foundation http://www.xiph.org, Copyright 1992, 1993, 1994 by Jutta Degener and Carsten Bormann,Technische Universita"t Berlin;
200	libwebp	0.6.1	BSD 3-Clause "New" or "Revised" License	http://tracker.debian.org/pkg/libwebp	Copyright (C) 2010-2016 Google Inc.; Approval Required.
201	libwebsockets	3.1.0	GNU Lesser General Public License v2.1 or later	http://github.com/warmcat/libwebsockets/	Copyright (C) 2014-2018 Andy Green <andy@warmcat.com>, Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project. ;
202	libxkbcommon	0.8.0	MIT License	http://tracker.debian.org/pkg/libxkbcommon	Copyright 1985, 1987, 1990, 1998 The Open Group

				Copyright 2008 Dan Nicholson, Copyright (c) 1993 by Silicon Graphics Computer Systems, Copyright © 2009-2012 Daniel Stone Copyright © 2012 Intel Corporation Copyright © 2012 Ran Benita, Copyright (c) 1991, Oracle and/or its affiliates, Copyright 1988 by Digital Equipment Corporation, Maynard, Massachusetts, Copyright © 2012 Ran Benita, Copyright (C) 2011 Joseph Adams, Copyright 1992 by Oki Technosystems Laboratory, Copyright 1992 by Fuji Xerox Co., Ltd;
203	libxml2	2.9.9, 2.9.8, 2.9.2	MIT License	http://xmlsoft.org/	Copyright (C) 2000,2012 Bjorn Reese and Daniel Veillard. Copyright (C) 2003-2012 Daniel Veillard.;
204	libxslt	1.1.32	MIT License	http://xmlsoft.org/XSLT/	Copyright:daniel@veillard.com
205	LibYAML	0.2.2	MIT License	http://pyyaml.org/wiki/LibYAML	Copyright (c) 2006 Kirill Simonov.; Clarifications:Needed on linkage/Usage, Shipment Status and Approval and how it is being used and delivered to the final target.;
206	Lilv	0.24.2	ISC License	http://drobilla.net/software/lilv	Copyright 2007-2016 David Robillard <http://drobilla.net>;
207	Linux Diagnostic Tools - sysfsutils	2.1.0	GNU General Public License v2.0 only	http://sourceforge.net/projects/linux-diag/	Copyright (c) 1997--2002 Martin Mares <mj@ucw.cz>, Copyright (C) IBM Corp. 2003-2005, Copyright (C) IBM Corp. 2004-2005, Copyright (C) 2003 Eric J Bohm.;
208	Linux DiskQuota	4.04	GNU General Public License v2.0 only	http://sourceforge.net/projects/linuxquota/	Copyright (c) 1980, 1990 Regents of the University of California, Copyright (C) 2000, 2001, 2001-2003 Silicon Graphics, Inc, Copyright (C) 2002 Free Software Foundation, Inc.;
209	Linux Kernel	4.14.286	GNU General Public License v2.0 only	http://www.kernel.org/	Copyright (C) 2018 Renesas Electronics Corporation

| | | | Multiple license:

Few files are under GPL-v2.0+, LGPL-v2.1+, MIT license, BSD-3 Clause GPL2.0 only with syscall exception | | Copyright © 1999-2010 David Woodhouse <dwmw2@infradead.org> et al.
Copyright 2011 Intel Corporation
Copyright (c) 2007 Dave Airlie <airlied@linux.ie>
Copyright (c) 2007 Jakob Bornecrantz <wallbraker@gmail.com>
Copyright (c) 2008 Red Hat Inc.
Copyright (c) 2007-2008 Tungsten Graphics, Inc., Cedar Park, TX., USA
Copyright (c) 2007-2008 Intel Corporation
Copyright 1999 Precision Insight, Inc., Cedar Park, Texas.
Copyright 2000 VA Linux Systems, Inc., Sunnyvale, California.
All rights reserved.
Copyright (C) 2012 ARM Ltd.
Copyright (C) 2012 Nokia Corporation
Copyright (c) UCB 1982-1988
Ross Biro Fred N. van Kempen, <waltje@uWalt.NL.Mugnet.ORG>
Copyright (c) 1999-2002 Vojtech Pavlik
Copyright (C) 2009, Guennadi Liakhovetski <g.liakhovetski@gmx.de>
Jean Tourrilhes - HPL - <jt@hpl.hp.com>
Copyright (c) 1997-2007 Jean Tourrilhes, All Rights Reserved.
Copyright 1993 by Theodore Ts'o.
Copyright (c) 1999-2002 Vojtech Pavlik
Copyright (c) 2015 Hans de Goede <hdegoede@redhat.com> |

Copyright (c) UCB 1982-1988 Ross Biro Fred N. van Kempen, <waltje@uWalt.NL.Mugnet.ORG>
Copyright (C) 1999-2012 the contributors
Copyright(c) 2001 Tecne s.r.l., Cagliari (ITALY)
Copyright (C) 2005 Stuart Brady
Copyright (C) 1995-2000 Simon G. Vogl
Copyright (C) 1995-97 Simon G. Vogl
Copyright (C) 1998-99 Frodo Looijaard <frodol@dds.nl>
Copyright(C)1998 Rusty Russell
Copyright (C) 1999-2000 Maxim Krasnyansky <max_mk@yahoo.com>
Copyright (C) 2016 Linus Walleij
Copyright (c) 1997-2007 Jean Tourrilhes, All Rights Reserved.
Copyright 2006-2010 Johannes Berg <johannes@sipsolutions.net>
Copyright 2008 Michael Wu <flamingice@sourmilk.net>
Copyright 2008 Luis Carlos Cobo <luisca@cozybit.com>
Copyright 2008 Michael Buesch <m@bues.ch>
Copyright 2008, 2009 Luis R. Rodriguez <lrodriguez@atheros.com>
Copyright 2008 Jouni Malinen <jouni.malinen@atheros.com>
Copyright 2008 Colin McCabe <colin@cozybit.com>
Copyright 2015-2017 Intel Deutschland GmbH

					Copyright (C) 2015 Jiada Wang <jiada_wang@mentor.com> Copyright (C) 2015 Mentor Graphics Copyright 2011 Intel Corporation Copyright (C) 1999 Hewlett-Packard Co. Copyright (C) 1999 Stephane Eranian <eranian@hpl.hp.com> Copyright (C) 2009, Guennadi Liakhovetski <g.liakhovetski@gmx.de> Copyright (c) 2007 Dave Airlie <airlied@linux.ie> Copyright (c) 2007 Jakob Bornecrantz <wallbraker@gmail.com> Copyright (c) 2008 Red Hat Inc. Copyright (c) 2007-2008 Tungsten Graphics, Inc., Cedar Park, TX., USA Copyright (c) 2007-2008 Intel Corporation Copyright (C) 2013 Advanced Driver Information Technology GmbH Written by Matthias Weise (mweise@de.adit-jv.com) Copyright (C) 1998 David S. Miller (davem@redhat.com) Copyright 2001 Jeff Garzik <jgarzik@pobox.com> Portions Copyright 2001 Sun Microsystems (thockin@sun.com) Portions Copyright 2002 Intel (eli.kupermann@intel.com, christopher.leech@intel.com, scott.feldman@intel.com) Portions Copyright (C) Sun Microsystems 2008 Copyright 2006-2009 Solarflare Communications Inc.

					Copyright 2016 Cisco Systems, Inc. and/or its affiliates. All rights reserved.
210	Linux PTP	1.8	GNU General Public License v2.0 or later	http://linuxptp.sourceforge.net/	Copyright (C) 2014 Red Hat, Inc, Copyright (C) 2011 Richard Cochran <richardcochran@gmail.com, Copyright (C) 2013 Miroslav Lichvar <mlichvar@redhat.com, Copyright (C) 2013 Delio Brignoli <dbrignoli@audioscience.com, Copyright (C) 2011 Richard Cochran <richardcochran@gmail.com.;
211	Linux Resource Containers	2.1.1	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/lxc/	Copyright (C) 2012,2013 Serge Hallyn <serge.hallyn@ubuntu.com>, Copyright © 2014 Tycho Andersen <tycho.andersen@canonical.com>, Copyright © 2015,2016 Christian Brauner <christian.brauner@mailbox.org>, Copyright (C) 2007 2008 Copyright IBM Corp. Copyright © 2013 Stéphane Graber <stgraber@ubuntu.com>, Copyright © 2015 Wolfgang Bumiller <w.bumiller@proxmox.com>, Copyright (C) 2012,2014 Oracle, Copyright © 2014-2015,2016 Canonical Ltd.;
212	litehtml	Unspecified	BSD 3-Clause "New" or "Revised" License	http://code.google.com/p/litehtml/	Copyright (C) 2010, 2011 Google Inc. All Rights Reserved.;
214	lmbench	3.0-a9	GNU General Public License v2.0 only	http://sourceforge.net/projects/lmbench/	Copyright (c) 1994 Larry McVoy. GPLed software. Copyright (c) 2002 Carl Staelin. GPLed software.Copyright (C) 1989, 1991 Free Software Foundation, Inc 675 Mass Ave, Cambridge, MA 02139, USA.;
215	Lua	5.2.3	Lua 5.0 License (Lua-5.0-License)	http://tracker.debian.org/pkg/lua5.1	Copyright(C)1994-2016 Lua.org, PUC-Rio

216	lv2	1.14.0	ISC License	http://lv2plug.in/	Copyright 2008-2016 David Robillard, Copyright 2011 James Morris, Copyright 2011 Gabriel M. Beddingfield, Copyright (c) 2005-2008 Uldis Bojars, Copyright (c) 2003-2008 Christopher Schmidt, Copyright (c) 2007-2008 Sergio Fernández, Copyright 2006 Steve Harris;
217	LVM2	2.02.171	GNU Lesser General Public License v2.1 only	http://sourceware.org/lvm2/	Copyright 2003 by Theodore Ts'o, Copyright (C) 2001-2004 Sistina Software, Inc., Copyright (C) 2005-2015 Red Hat, Inc, Copyright (C) 2006 Rackable Systems ;
218	lxc - lxc	2.1.1	GNU Lesser General Public License v2.1 only	http://github.com/lxc/lxc/	Copyright IBM Corp. 2007, 2008;
219	Lz4 Command Line Interface	r128	GNU General Public License v2.0 or later	https://github.com/lz4/lz4/tree/dev/programs	Copyright (C) Yann Collet 2011-2015.;
220	LZO real-time data compression library	2.10,	GNU General Public License v2.0 or later	http://www.oberhumer.com/opensource/lzo/	Copyright (C) 1996-2015 Markus Franz Xaver Johannes Oberhumer,All Rights Reserved.;
221	mbed TLS	2.2.1	Apache License 2.0	http://github.com/ARMmbed/mbedtls/	Copyright (C) 2006-2018, Arm Limited (or its affiliates), All Rights Reserved. Copyright (C) 2006-2015, ARM Limited, All Rights Reserved. Copyright (C) 2006-2016, ARM Limited, All Rights Reserved.;
222	mDNSResponder	625.41.2, 878.260.1	Apache License 2.0	http://github.com/Sha0/mDNSResponder/	Copyright (c) 2002-2015 Apple Inc. All rights reserved. Copyright (c) 2012-2013 Apple Inc. All rights reserved. Copyright (c) 2008-2011 Apple Inc. All rights reserved. Copyright (c) 2011-2012 Apple Inc. All rights reserved. Copyright (c) 2002-2004 Apple Computer, Inc. All rights reserved. Copyright (c) 2003-2004 Apple Computer, Inc. All rights reserved. Copyright (c) 2004-2011

					Apple Inc. All rights reserved. Copyright (c) 2003-2015 Apple Computer, Inc. All rights reserved. Copyright (c) 1999-2002 The OpenSSL Project. All rights reserved.;
223	Mesa3D - MesaLib	17.1.17, 17.1.7	MIT License	http://mesa3d.sourceforge.net/	Copyright © 2013 Intel Corporation, Copyright © 2010 Luca Barbieri, Copyright © 2013 Marek Olšák <maraeo@gmail.com>, Copyright © 2015 Red Hat, Copyright © 2011 Benjamin Franzke, Copyright © 2011 Kristian Høgsberg, Copyright (C) 2010 LunarG Inc, Copyright (C) 1999-2008 Brian Paul All Rights Reserved, Copyright (C) 2009 VMware, Inc., Copyright (C) Copyright IBM Corporation 2002, 2004, Copyright (C) 2003 Felix Kuehling, Copyright 2008, 2010 George Sapountzis <gsapountzis@gmail.com>, Copyright (C) 2004 David Airlie All Rights Reserved, Copyright (C) 2016 Ilia Mirkin. All Rights Reserved, Copyright (C) 2009 Chia-I Wu <olv@0xlab.org>, Copyright (C) 2004 Roland Scheidegger All Rights Reserved, Copyright © 1988-2004 Keith Packard and Bart Massey.;
224	MessagePack	2.1.5	Boost Software License 1.0	http://github.com/msgpack/msgpack/	Copyright (C) 2008-2016 FURUHASHI Sadayuki and KONDO Takatoshi, Copyright (C) 2013 Vladimir Volodko, Copyright Charly Chevalier 2015, Copyright Joel Falcou, Copyright (c) Microsoft Corporation 2014, Copyright Rene Rivera 2015, Copyright Franz Detro 2014.;

225	mimetic	0.9.8	MIT License	http://www.codesink.org/mimetic_mime_library.html	Copyright : (C) 2002-2008 by Stefano Barbato
226	mmc-utils	0.1, 0.1-r0	GNU General Public License v2.0 or later	https://git.kernel.org/pub/scm/linux/kernel/git/cjb/mmc-utils.git/	Copyright (C) 2005 Olivier Gay Copyright (C) 2005, 2007 Olivier Gay ;
227	mosquitto: an mqtt message broker	1.4.14	Eclipse Distribution License - v 1.0	https://mosquitto.org/	Copyright (c) 2009-2014 Roger Light <roger@atchoo.org> All rights reserved.;
228	mtdev	1.1.5	MIT License	http://github.com/rydberg/mtdev/	Copyright (C) 2010 Henrik Rydberg <rydberg@euromail.se>, Copyright (C) 2010 Canonical Ltd, Copyright (C) 2004, Markus Buehren;
230	mtd-utils	2.0.1	GNU General Public License v2.0 or later	https://github.com/mpdf/mpdf	Copyright (C) 2008 Nokia Corporation. Copyright (C) 2004,2008 University of Szeged, Hungary. Copyright (C)2006 KaiGai Kohei <kaigai@ak.jp.nec.com> Copyright (C) 2000 Arcom Control System Ltd. Copyright (C) 2010 Mike Frysinger <vapier@gentoo.org>. Copyright (c) 2d3D, Inc. Copyright (c) 2007,2008 Artem Bityutskiy, Copyright (C) 2001, 2002 Red Hat, Copyright (C) 2002 Axis Communications AB, Copyright (C) 2001, 2002 Erik Andersen <andersen@codepoet.org>, Copyright (c) 2006 International Business Machines Corp.Copyright (C) 2006-2008,2007,2009 Nokia Corporation, Copyright (c) 2005 Ben Gardner <bgardner@wabtec.com>, Copyright (C) 2002,2004 Christopher Clark, Copyright (C) 2000 Steven J. Hill.;
231	murmurhash	r151	Public Domain	https://github.com/aappleby/smhasher#svn%2Ftrunk	NO COPYRIGHTS CLAIMED

232	Music-DSP	Unspecified	Public Domain	http://www.musicdsp.org/archive.php?classid=0#236	NO COPYRIGHTS CLAIMED
233	ncurses	6.1	MIT License	https://www.gnu.org/software/ncurses/ncurses.html	Copyright (c) 1998-2016,2017 Free Software;
234	Ne10	1.2.1	BSD 3-Clause "New" or "Revised" License	http://github.com/projectNe10/Ne10/	Copyright 2013-15 ARM Limited and Contributors., Copyright (C) 2000-2008, Intel Corporation, all rights reserved., Copyright (C) 2009, Willow Garage Inc., all rights reserved., Copyright (c) 2003-2010, Mark Borgerding;
235	Netlink Protocol Library Suite (libnl)	3.4.0	GNU Lesser General Public License v2.1 only	http://tracker.debian.org/pkg/libnl3	Copyright (c) 2003-2012 Thomas Graf <tgraf@suug.ch>, Copyright (c) 2013 Cong Wang <xiyou.wangcong@gmail.com>, Copyright (c) 2013 Yasunobu Chiba <yasu@dsl.gr.jp>, Copyright (c) 2014 Susant Sahani <susant@redhat.com>, Copyright (c) 2013 Michael Braun <michael-dev@fami-braun.de>, Copyright (c) 2003-2006 Baruch Even <baruch@ev-en.org>, Copyright (c) 2010 Karl Hiramoto <karl@hiramoto.org>, Copyright (c) 2007, 2008 Patrick McHardy <kaber@trash.net>, Copyright (c) 2012 Rich Fought <rich.fought@watchguard.com>, Copyright (c) 2007 Secure Computing Corporation, Copyright (c) 2013 Sassano Systems LLC <joe@sassanosystems.com>, Copyright (c) 2012 Cumulus Networks, Inc. Copyright (C) 2005 David S. Miller <davem@davemloft.net>, Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.

					Copyright (C) 1982-1988 UCB.
236	Netscape Portable Runtime	4.19	Mozilla Public License 2.0	http://www.mozilla.org/projects/nspr/index.html	Copyright (c) 1998 Netscape Communications Corporation, Copyright 1987, 1988 by the Student Information Processing Board of the Massachusetts Institute, Copyright (c) 1991, 2000, 2001 by Lucent Technologies, Copyright (c) 1983, 1990, 1993 The Regents of the University;, Copyright (c) 1996-1999 by Internet Software Consortium, Copyright (c) 1993 by Digital Equipment Corporation;
237	Nettle	2.7.1	GNU Lesser General Public License v2.1 or later	http://www.lysator.liu.se/~nisse/nettle/	Copyright: 2009-2012 Aleksey Kravchenko <rhash.admin@gmail.com>, Copyright (C) 2002 Niels Möller , Copyright (C) 2000, 2001, 2002 Rafael R. Sevilla, Niels Möller, Copyright (C) 2004 Simon Josefsson, Copyright (C) 2003 Nikos Mavroyanopoulos, Copyright (C) 1998, 2001, 2002, 2003 Free Software Foundation, Inc, Copyright (C) 1992 Dana L, Copyright (C) 2011 Katholieke Universiteit Leuven, Copyright 2009-2012 Aleksey Kravchenko <rhash.admin@gmail.com>, Copyright (C) 2001 Peter Gutmann, Andrew Kuchling, Niels Möller, Copyright (C) 1999 J.H.M. Dassen (Ray) <jdassen@wi.LeidenUniv.nl>, Copyright (C) 1999 Ruud de Rooij <ruud@debian.org>
238	NeuQuant - Neural Image Quantization	Unspecified	NeuQuant Neural-Net Quantization Algorithm License	http://members.ozemail.com.au/~dekker/NEUQUANT.HTML	Copyright(C)1994 Anthony Dekker ;

239	NFS - nfs-utils	2.1.1	GNU General Public License v2.0 or later	http://sourceforge.net/projects/nfs/	Copyright (C) 1995, 1996 Olaf Kirch, Copyright (C) 1995-1999 Jeffrey A. Uphoff, Copyright (C) 2008, 2009 Oracle. All rights reserved, Copyright (C) 2010 Karel Zak , Copyright (C) 2007 Chuck Lever , Copyright (C) 2002 Trond Myklebust, Copyright (C) 2008 Red Hat, Inc , Copyright (C) 2002 Free Software Foundation, Inc., Copyright (c) 1985, 1990 by Sun Microsystems, Inc, Copyright (c) 1998 Todd C. Miller , Copyright (c) 2000 Dug Song , Copyright (c) 2002 Andy Adamson , Copyright (c) 2002 Marius Aamodt Eriksen , Copyright (c) 2002 J. Bruce Fields , Copyright (c) 2013 Jeff Layton , Copyright (c) 2004 The Regents of the University of Michigan,All rights reserved.;
240	nghttp2	1.39.2	MIT License	http://tracker.debian.org/pkg/nghttp2	Copyright (c) 2012 Tatsuhiro Tsujikawa; Copyright (c) 2013 Tatsuhiro Tsujikawa. Copyright (c) 2014 Tatsuhiro Tsujikawa. Copyright (c) 2015 Tatsuhiro Tsujikawa. Copyright (c) 2016 Tatsuhiro Tsujikawa. Copyright (c) Joyent, Inc. and other Node contributors.;
241	NTFS-3G Read/Write Driver	2017.3.23	GNU General Public License v2.0 or later	http://www.tuxera.com/community/open-source-ntfs-3g/	Copyright (c) 2007-2008,2010 Jean-Pierre Andre, Copyright (c) 2005-2007 Yura Pakhuchiy, Copyright (c) 2000-2004,2005 Anton Altaparmakov, Copyright (c) 2004-2008 Szabolcs Szakacsits, Copyright (c) 2004-2005 Richard Russon, Copyright (c) 2008 Bernhard Kaindl, Copyright (C) 2001-2007 Miklos Szeredi <miklos@szeredi.hu>,

					Copyright (c) 2006-2009 Szabolcs Szakacsits.;
242	Numpy	1.21.0	BSD 3-Clause "New" or "Revised" License	https://numpy.org/	Copyright (C) 2010 - 2019 ridiculous_fish, , Copyright (C) 2016 - 2019 Kim Walisch, , Copyright 2014 Melissa O'Neill , Copyright 2015 Robert Kern
243	oFono	1.22	GNU General Public License v2.0 only	http://ofono.org/	Copyright (C) 2008-2011 Intel Corporation Copyright (C) 2011 ST-Ericsson AB Copyright (C) 2008-2012 Intel Corporation Copyright (C) 2010 Nokia Corporation Copyright (C) 2011 Intel Corporation Copyright (C) 2013 Intel Corporation Copyright (C) 2009-2010 Nokia Corporation Copyright (C) 2004-2011 Marcel Holtmann Copyright (C) 2008-2013 Intel Corporation Copyright (C) 2009-2011 Nokia Corporation Copyright (C) 2011 BMW Car IT GmbH Copyright (c) 2000 Unicode, Inc Copyright (C) 2011-2012 Intel Corporation Copyright (C) 2010 ST-Ericsson AB Copyright (C) 2009 Collabora Ltd Copyright (C) 2011 ProFUSION e Copyright (C) 2009-2011 ProFUSION embedded systems Copyright (C) 2004 Red Hat, Inc Copyright (C) 2009 Trolltech ASA;
244	Open Scene Graph	3.2.3, 3.2.0	OpenSceneGraph Public License Version 0.0	http://www.openscenegraph.org/	Copyright: Copyright (C) 1998-2006 Robert Osfield, Copyright (C) 2012 David Callu,Copyright (C) 2002 Tanguy Fautré, Copyright (C) 1991-2000 Silicon Graphics, Copyright (C) 1993 Ken Shoemake, Copyright (C) 2007 Skew Matrix, Copyright (C) 2010-10-21 VIRES Simulationstechnologies, Copyright (C) 2010 Marcin Hajder, Copyright (C) 2009

					Cedric Pinson, Copyright (C) 2004,2009 Ulrich Hertlein, Copyright (C) 2007 Fugro-Jason,Copyright (C) 2005 by GraphArchitecture, Copyright (C) 2009 Martin Beckett, Copyright (C) 2001 Ulrich Hertlein,Copyright (C) 2004 Mekensleep, Copyright (c) Mark J Kilgard,Copyright (C) 2012 APX Labs,Copyright (C) 2004 Marco Jez
245	Open-AVB	1.1	BSD 3-Clause "New" or "Revised" License	http://github.com/AVnu/Open-AVB/	Copyright (c) 2012, Intel Corporation, Copyright(c)2014-2015 Renesas Electronics Corporation, Copyright(c)2012, AudioScience, Inc, Copyright(c)2013,2014, J.D. Koftinoff Software, Ltd,All rights reserved.;
246	Opencv	4.5.2	BSD 3-Clause "New" or "Revised" License	https://opencv.org/	Copyright (c) 2002-2014, Universite catholique de Louvain (UCL), Belgium, Copyright (c) 2002-2014, Professor Benoit Macq ,Copyright (c) 2001-2003, David Janssens ,Copyright (c) 2002-2003, Yannick Verschueren ,Copyright (c) 2003-2007, Francois-Olivier Devaux ,Copyright (c) 2003-2014, Antonin Descampe ,Copyright (c) 2005, Herve Drolon, FreeImage Team ,Copyright (c) 2016, Even Rouault, ,Copyright (C) 2000-2008, Intel Corporation, all rights reserved. ,Copyright (C) 2009, Willow Garage Inc., all rights reserved. ,Copyright (C) 2013, OpenCV Foundation, all rights reserved. ,Copyright (C) 2014-2015, NVIDIA Corporation, all rights reserved. ,Copyright (C) 2010-2012 Daniel Beer

247	OpenSSL - in C	1.1.1k, 1.1.1d, 1.0.2q	OpenSSL Combined License	http://www.openssl.org	Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com),All rights reserved. Copyright (c) 1998-2001 The OpenSSL Project,All rights reserved. Copyright (c) 1999-2005 The OpenSSL Project,All rights reserved. Copyright (c) 1999-2017 The OpenSSL Project,All rights reserved. Copyright (c) 1998-2005 The OpenSSL Project, Copyright (C) 2005-2011 by Wind River Systems, Inc Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com), Copyright 2014 Intel Corporation, Copyright 2006 NTT (Nippon Telegraph and Telephone Corporation), Copyright 2002 Sun Microsystems.;
248	opkg	0.3.6	GNU General Public License v2.0 or later	https://git.yoctoproject.org/cgit/cgit.cgi/opkg/	Copyright (C) 2003 kernel concepts, Copyright 2001 University of Southern California, Copyright (C) 1999,2000,2001 by Erik Andersen <andersee@debian.org>, Copyright (C) 2010 Ubiq Technologies, Copyright (C) 2010,2011 Javier Palacios, Copyright (C) 2002 Compaq Computer Corporation, Copyright (C) 2014 Paul Barker, Copyright (C) 2003 Daniele Nicolodi, Copyright (C) 2008 OpenMoko Inc;
249	optee_os	3.1.0	BSD 2-Clause "Simplified" License	http://github.com/OP-TEE/optee_os/	Copyright (c) 2015, 2017, Linaro Limited;
250	Opus	1.3.1	BSD 3-Clause "New" or "Revised" License	http://opus-codec.org	Copyright (c) 2005,2006,2007,2008,2009, 2010,2011,2012,2013 Xiph.Org Foundation Written by Jean-Marc Valin, Copyright (c) 1994-2002 Xiph.Org Foundation, Copyright (c) 2010-2011

					Xiph.Org Foundation, Skype Limited Written by Jean-Marc Valin, Copyright (c) 2006-2011, Skype Limited. All rights reserved, Copyright (c) 2008-2011 Octasic Inc. Written by Jean-Marc Valin, Copyright (c) 2007-2008 CSIRO, Copyright (C) 2007 Jean-Marc Valin, Copyright (c) 2003-2004, Mark Borgerding, Copyright (C) 2001 Erik de Castro Lopo , Copyright (c) 2001-2011 Timothy B. Terriberry, Copyright (C) Gregory Maxwell,;
251	ORC - The Oil Runtime Compiler	0.4.28	BSD 2-Clause "Simplified" License	https://gstreamer.free desktop.org/projects/ orc.html	Copyright 2002 - 2009 David A.Schleef <ds@schleef.org>, Copyright 2012 MIPS Technologies, Inc.;
252	osgearth	2.0	OSGEARTH SOFTWARE LICENSE	https://github.com/gw aldron/osgearth	Copyright:2008-2010 Pelican Mapping
253	OSSP uuid	0.1.0, 2.32.1	ISC License	https://sourceforge.ne t/projects/libuuid/?sou rce=typ_redirect	Copyright (c) 2004-2008 Ralf S. Engelschall, Copyright (c) 2004-2008 The OSSP Project
254	p7v	0.2-r2	GNU General Public License v2.0 or later	https://github.com/cho mbourger/p7v	Copyright (C) 2012 Cedric Hombourger <chombourger@gmail.com> , Copyright (c) 1995 Patrick Powell, Copyright (c) 2008 Holger Weiss.;
255	Pango	1.40.14	GNU Library General Public License v2 or later	http://www.pango.org/	Copyright (C) 1999,2000,2001,2002,2003, 2004,2006,2007 Red Hat Software, Copyright (C) 2008 Jürg Billeter <j@bitron.ch>.;
258	PCRE - Perl Compatible Regular Expressions	8.44	BSD 3-Clause "New" or "Revised" License	http://sourceforge.net/ projects/pcre/	Copyright (c) 1997-2013 University of Cambridge;
256	Perl/perl5	5.30.3	Artistic License 1.0	http://search.cpan.org /~dom/perl/	Copyright (c) 1994 Powerdog Industries. All rights reserved., Copyright (C) 1995-2012 Jean-loup Gailly, Copyright (c) 2007-2008 Michael G Schwern,

					Copyright (c) 2003 Constantin S. Svintsoff <kostik@iclub.nsu.ru>, Copyright (C) 1991-2011 by Larry Wall and others. copyright (c) 1994 by the Regents of the University of California, Copyright (C) 1997, 1999 Tom Phoenix, Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) Copyright (C) 1996-2000 by Bradford Appleton, Copyright (c) 1994-2002, Andreas Kaiser, Copyright (C) 1994-2013 Larry Wall, Copyright (C) Tom Horsley, 1997, Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc. Copyright (c) 1997-2000 Graham Barr <gbarr@pobox.com>. All rights reserved
257	persistance-common-object	1.0.3	Mozilla Public License 2.0	https://github.com/GENIVI/persistence-common-object	Copyright (C) 2012 Continental Automotive Systems, Inc. Copyright (C) 2014 XS Embedded GmbH, Copyright (c) 2010-2014 Seungyoung Kim.All rights reserved, Copyright (C) 1986 Gary S. Brown.;
259	persistence-administrator	1.0.9	Mozilla Public License 2.0	http://projects.genivi.org/persistence-management/about	Copyright (C) 2012 Continental Automotive Systems, Inc, Copyright (C) 2013 Continental Automotive Systems, Inc.;
260	Pixman	0.38.4	MIT License	http://cairographics.org	Copyright © 2000 Keith Packard, member of The XFree86 Project, Inc,Copyright 2005 Lars Knoll & Zack Rusin, Trolltech Copyright2008 Aaron Plattner, NVIDIA Corporation,Copyright © 2000 SuSE, Inc. Copyright © 2007,2010,2011,2012 Red Hat, Inc,Copyright © 2008 André Tupinambá <andrelrt@gmail.com> Copyright © 2010, 2012

					Soren Sandmann Pedersen.;
261	Pkg Config	0.29.2	GNU General Public License v2.0 or later	http://www.freedesktop.org/wiki/Software/pkg-config/	Copyright (C) 2001, 2002, 2005-2006 Red Hat Inc, Copyright (C) 2006-2011 Tollef Fog Heen <tfheen@err.no>, Copyright (C) 2010 Dan Nicholson <dbn.lists@gmail.com>, Copyright (c) 1998 by Red Hat Software, Inc.;
262	poly2tri	1.6	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/poly2tri/	Copyright (c) 2009-2010, Poly2Tri
263	Popt	1.16	MIT License	http://freshmeat.net/projects/popt/	Copyright(C) 1998-2002 Red Hat, Inc.;
264	ppp - Pauls PPP Package	2.4.7	BSD 3-Clause "New" or "Revised" License BSD style license Multiple License: Paul Mackerras Binary License, Carnegie Mellon Computing Services License	https://ppp.samba.org/index.html	Copyright (c) 1995 Eric Rosenquist. All rights reserved.Copyright (c) 1999 Tommi Komulainen. All rights reserved. Copyright (c) 1984-2000 Carnegie Mellon University. All rights reserved. Copyright (C) 1984, 1996-2002, 2000-2004, Paul Mackerras. All rights reserved. Copyright (c) 2002 Google, Inc. All rights reserved.Copyright (c) 2007 Diego Rivera. All rights reserved.Copyright (c) 1989 Regents of the University of California.All rights reserved
265	procps	3.3.12, 3.3.16	GNU General Public License v2.0 or later	https://gitlab.com/procps-ng/procps	Copyright (C) 2010 Karel Zak <kzak@redhat.com>, Copyright (C) 2010 Davidlohr Bueso <dave@gnu.org>, Copyright (C) 1998-2002 Albert Cahalan, Copyright (C) 1992-1998 by Michael K. Johnson, Copyright (C) 1996 Charles L. Blake, Copyright (c) 1995 Martin Schulze Copyright (C) 2003 Chris Rivera, Copyright (c) 1992 Branko Lankester, Copyright 1994 by Henry Ware, Copyright (c) 2002-2014, by: James C. Warner, All rights reserved.;

266	protobuf	2.3.0	BSD 3-Clause "New" or "Revised" License	http://code.google.com/p/protobuf/	Copyright (C) 2008 Google Inc.All Rights Reserved, Copyright (C) 2014 Google Inc.All Rights Reserved.;
267	protobuf-c	1.3.2	BSD 2-Clause "Simplified" License	http://tracker.debian.org/pkg/protobuf-c	Copyright (c) 2008-2015, Dave Benson,Copyright 2008 Google Inc;
268	Protocol Buffers	3.9.1, 4.5.1	BSD 3-Clause "New" or "Revised" License	http://tracker.debian.org/pkg/protobuf	Copyright (C) 2008 Google Inc.All Rights Reserved, Copyright (C) 2014 Google Inc.All Rights Reserved.;
269	psmisc	23	GNU General Public License v2.0 or later	http://psmisc.sourceforge.net/	Copyright (C) 1993-2002 Werner Almesberger, Copyright (C) 2002-2014 Craig Small;
270	pugixml	1.0, 1.2	MIT License	http://github.com/zeux/pugixml/	Copyright:2006-2010, by Arseny Kapoulkine 2003, by Kristen Wegner
271	PulseAudio	11.1	GNU Lesser General Public License v2.1 or later	http://pulseaudio.org/	Copyright 2004-2006 Lennart Poettering, Copyright 2009 Ted Percival, Copyright 2006 Pierre Ossman, Copyright 2009 Wim Taymans, Copyright 2013 Intel Corporation, Copyright 2004 Joe Marcus Clarke, Copyright 2010 David Henningsson, Copyright 2009 Tanu Kaskinen, Copyright 2013 Peter Meerwald, Copyright (C) 2009 Nokia Corporation, Copyright (c) 2004 Michael Niedermayer, copyright (c) 2001 Fabrice Bellard, Copyright 2006 Shams E. King, Copyright 2010 Arun Raghavan, Copyright (C) 2000 Red Hat, Inc, Copyright (C) 1999 Tom Tromey, Copyright 2011 Collabora Multimedia, Copyright 2011 Colin Guthrie , Copyright 2009 Vincent Filali-Ansary, Copyright 2008-2013 João Paulo Rechi Vita, Copyright 2011-2013 BMW Car IT GmbH;
272	py3cairo	1.15.6	GNU Lesser General Public	https://www.cairographics.org/pycairo/	Copyright © 2003 James Henstridge,Copyright ©

			License v2.1 or later		2004-2011 Steven Chaplin,Copyright © 2017 Christoph Reiter & many more contributors. ;
273	PyGObject - Python Bindings for the GObject+ library	3.28.1, 3.28.0	GNU Lesser General Public License v2.1 or later	http://t2sde.org/packages/pygobject.html	Copyright (C) 1998-2003 James Henstridge. Copyright (C) 2005 Oracle. Copyright (c) 2012 Canonical Ltd. Copyright (C) 2005-2009 Johan Dahlin <johan@gnome.org>. Copyright (C) 2011 John (J5) Palmieri <johnp@redhat.com>. Copyright (C) 2014 Simon Feltman <sfeltman@gnome.org>. Copyright (c) 2010 litl, LLC. Copyright (c) 2010 Collabora Ltd. <http://www.collabora.co.uk/>. Copyright (C) 2006 Johannes Hoelzl. Copyright (C) 2009 Simon van der Linden <svdlinden@src.gnome.org>.;
274	Python	2.7.18, 3.7.9	Python Software Foundation License 2.1	http://www.python.org/	Copyright (c) 1999-2008 by Fredrik Lundh, Copyright (C) 1999-2001 Gregory P. Ward, Copyright (C) 2002, 2003 Python Software Foundation, Copyright (C) 2001-2014 Vinay Sajip, Copyright (c) Copyright CNRI, Copyright (c) 1992-1994, David Gottner, Copyright (c) 1995-2001 Corporation for National Research Initiatives, Copyright (c) 2000 BeOpen.com., Copyright (c) 1991-1995 Stichting Mathematisch Centrum, Amsterdam, Copyright (c) 1999 by Secret Labs AB, Copyright (c) 2000 Doug White,James Knight, 2007 Christian Heimes , Copyright (c) 1995-1996 by Fred L. Drake, Jr. and Virginia Polytechnic, Copyright (C)

					1999, 2000, 2002 Aladdin Enterprises, Copyright (c) 1998, 1999 Thai Open Source Software Center Ltd, Copyright (C) 1986 Gary S. Brown, Copyright (C) 1999, 2000, 2002 Aladdin Enterprises. All rights reserved. Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura, Copyright (C) 1993 by Sun Microsystems, Inc, Copyright (C) 2002-2008 Michael 'Mickey' Lauer Copyright (C) 1997, 2002, 2003 Martin von Loewis, Copyright (c) 1996,1997 by Oliver Andrich, Koblenz, Germany,Copyright (c) 2001-2016 Python Software Foundation,All Rights Reserved. Copyright (C) Python Contributors and many more contributors.;
275	QRCode	0.0.1	MIT License	https://github.com/ricmoo/QRCode	Copyright (c) 2017 Richard Moore.;
276	QT	5.6.3, 5.6.1, 5.3.2	GNU Lesser General Public License v2.1 or later	http://qt-project.org/	Copyright (C) 2013 Digia Plc and/or its subsidiary(-ies), Copyright (C) 2015 The Qt Company Ltd, Copyright (C) 2013 Ivan Komissarov, Copyright (C) 2015 Jolla Ltd, Copyright 2011 Google Inc. All Rights Reserved, Copyright (c) 1997-2012 University of Cambridge, Copyright © 2012, 2013 Intel Corporation.;
277	Rapidjson	1.1.0	MIT License	http://github.com/miloyip/rapidjson/	Copyright:2015 THL A29 Limited, a Tencent company, and Milo Yip
278	refpolicy	2.8, 2.20190609	GNU General Public License v2.0 only	https://github.com/SELinuxProject/refpolicy	Copyright (C) 2005 - 2006 Tresys Technology, LLC;
279	RFC1321-based (RSA-free) MD5 library	1.6, 1.0	zlib License	http://sourceforge.net/projects/libmd5-rfc/	Copyright(C)1999, 2000, 2002 Aladdin Enterprises. All rights reserved
280	rsync	2.6.9	GNU General Public License v2.0 or later	http://samba.anu.edu.au/rsync/	Copyright (C) 1995-2005 Jean-loup Gailly, Copyright (C) 1995-2005 Mark Adler,

					Copyright (C) 1996-2000 Andrew Tridgell, Copyright (C) 1996 Paul Mackerras, Copyright (C) 2001, 2002 Martin Pool, Copyright (C) 2005 Wayne Davison, Copyright (C) 2002 Scott Howard, Copyright (C) 1999 Weiss, Copyright (C) 2004 Chris Shoemaker;
281	run-postinsts	1.0-r10	MIT License	https://github.com/openembedded/openembedded-core/tree/master/meta/recipes-devtools/run-postinsts	Copyright 2007 Openedhand Ltd.
282	Rygel - DLNA Media Server	1	GNU Lesser General Public License v2.1 or later	https://wiki.gnome.org/Projects/Rygel	Copyright (C) 2012,2013 Intel Corporation, Copyright (C) 2008,2009 Zeeshan Ali, Copyright (C) 2013 Cable Television, Copyright (C) 2011,2014,2016 Jens Georg, Copyright (C) 2008,2009,2010 Nokia Corporation, Copyright (C) 2012 Openismus GmbH, Copyright (C) 2013 Cable Television,Inc. Copyright (C) 2014 Atlantic PuffinPack, Copyright (C) 2007 OpenedHand Ltd, Copyright (C) 2011 Red Hat, Copyright (C) 2010 Andreas Henriksson.;
283	S Trace	4.20,	BSD 3-Clause "New" or "Revised" License	http://sourceforge.net/projects/strace/	Copyright (c) 1996-1999 Wichert Akkerman <wichert@cistron.nl>, Copyright (c) 1993, 1994, 1995, 1996 Rick Sladkey <jrs@world.std.com>, Copyright (c) 1993 Branko Lankester <branko@hacktic.nl>, Copyright (c) 1991, 1992 Paul Kranenburg <pk@cs.few.eur.nl> Copyright (c) 2004 Roland McGrath <roland@redhat.com>, Copyright (c) 1999 IBM Deutschland Entwicklung GmbH Copyright (c) 2015

					Dmitry V. Levin <ldv@altlinux.org>, Copyright (c) 2000 PocketPenguins Inc, Copyright (c) 2014 William Manley <will@williammanley.net>, Copyright (c) 2011 Peter Zotov <whitequark@whitequark.org> Copyright (c) 2014 Philippe De Muyter <phdm@macqel.be>.;
284	sbc - Bluetooth Low-complexity Subband Codec Library	1.3	GNU General Public License v2.0 or later	https://en.wikipedia.org/wiki/SBC_(codec)	Copyright (C) 2005-2008 Brad Midgley, Copyright (C) 2004-2005 Henryk Ploetz, Copyright (C) 2012-2013 Intel Corporation, Copyright (C) 2008-2010 Nokia Corporation, Copyright (C) 2004-2010 Marcel Holtmann.;
286	Secret Rabbit Code	0.1.9	BSD 2-Clause "Simplified" License	http://www.mega-nerd.com/SRC/	Copyright (C) 2002-2011 Erik de Castro Lopo <erikd@mega-nerd.com>.;
287	SELinux reference policies	20060307	GNU General Public License v2.0 or later	http://sourceforge.net/projects/serefpolicy/	Copyright (C)Chris PeBenito <selinux@tresys.com>, Copyright (C) 2005-2006 SELinux Symposium,LLC All rights reserved
288	serd	0.26.0	ISC License	https://drobilla.net/software/serd	Copyright 2011-2017 David Robillard;
290	sg3_utils	1.42	GNU General Public License v2.0 or later	http://sg.danny.cz/sg/sg3_utils.html	Copyright (c) 2004-2014 Douglas Gilbert, Copyright (C) 1999 - 2015 D. Gilbert and P. Allworth Copyright (c) 2011-2015 Hannes Reinecke, SUSE Labs, Copyright (c) 2006-2015 Luben Tuikov, Copyright (c) 2004-2014 Christophe Varoqui, Copyright (C) 2000-2015 Ingo van Lil, Copyright (C) 2002-4 Bruce Allen, Copyright (C) 2003 James Bottomley, Copyright (c) 2012-2015, Kaminario Technologies LTD ;
291	Shadow Tool Suit	4.6	BSD 3-Clause "New" or "Revised" License	http://tracker.debian.org/pkg/shadow	Copyright (c) 1996 - 2000, Marek Michałkiewicz,

					Copyright (c) 1991 - 1994, Julianne Frances Haugh Copyright (c) 2000 - 2006, Tomasz Kłoczko Copyright (c) 2007 - 2011, Nicolas François, Copyright (c) 2001 , Michał Moskal , Copyright (c) 2013 Eric Biederman, Copyright (c) 2006 , Jonas Meurer. Copyright (c) 2004 The FreeBSD Project.
292	Shared Mime	1.9	GNU General Public License v2.0 or later	http://freedesktop.org/wiki/Software/shared-mime-info	Copyright (C) 2003 Thomas Leonard
293	simple-mtpfs	0.3.0	GNU General Public License v2.0 or later	http://github.com/phatina/simple-mtpfs/	Copyright (C) 2012-2016, Peter Hatina <phatina@gmail.com>;
294	sord	0.16.0	ISC License	http://drobilla.net/software/sord	Copyright 2011-2016 David Robillard.;
296	Speex	1.2.0	BSD 3-Clause "New" or "Revised" License	http://www.speex.org/	Copyright (C) 2002 Jean-Marc Valin;
297	SQLite	3.26.0, 3.21.0, 3.7.5	Public Domain	http://www.sqlite.org/	NO COPYRIGHTS CLAIMED
298	squashfs - a compressed fs for Linux	squashfs4.3	GNU General Public License v2.0 or later	http://sourceforge.net/projects/squashfs/	Author-Igor Pavlov, Copyright (c) 2011, 2012, 2013, 2014 Phillip Lougher.;
299	Sratom	0.6.0	ISC License	http://drobilla.net/software/sratom	Copyright 2011-2016 David Robillard; Approval Required.
300	Stanford Secure Remote Password Authentication - SRP	2.1.2	Stanford SRP Authentication Project License	http://srp.stanford.edu/	Copyright (C) 2007-2015 Apple Inc. All Rights Reserved, Copyright (C) 2007-2014 Apple Inc. All Rights Reserved,Copyright (c) 1997-2007 The Stanford SRP Authentication Project,All Rights Reserved.;
301	Stunnel -- Universal SSL Wrapper	5.44	stunnel GPL 2.0 with Exception License	http://www.stunnel.org/	Copyright (C) 1998-2016 Michal Trojnara <Michal.Trojnara@stunnel.org>.
302	System Tap	2.9, 3.2	GNU General Public License v2.0 or later	http://sourceware.org/systemtap/	Copyright (C) 2007-2016 Red Hat Inc. Copyright (C) 2005-2014 Red Hat Inc. Copyright (C) Andrew Tridgell 2002. Copyright (C) 2006-2014 Red Hat Inc.;

| 303 | systemd | 239, 225 | GNU General Public License v2.0 or later | http://tracker.debian.org/pkg/systemd | Copyright (C) 2010-2013 Lennart Poettering, Copyright (C) 2013 Simon Peeters, Copyright (C) 2013 Daniel Mack, Copyright (C) 2014 Kay Sievers, Copyright (C) 2013 Zbigniew Jędrzejewski-Szmek, Copyright (C) 2013,2014 Tom Gundersen <teg@jklm.no> Copyright (C) 2013,2015 Lennart Poettering, Copyright (C) 2013 Tom Gundersen <teg@jklm.no>, Copyright (C) 2010 ProFUSION embedded systems, Copyright (C) 2003-2013 Kay Sievers, Copyright (C) 2010 - Maxim Levitsky, Copyright (C) IBM Corp. 2003, Copyright (C) 2000, 2005 Red Hat, Inc, Copyright (C) 2009 Scott James Remnant, Copyright (C) 2006 SUSE Linux Products GmbH, Copyright (C) 2010 Maarten Lankhorst, Copyright (C) 2010 Harald Hoyer, Copyright (C) 2012 Holger Hans Peter Freyther., Copyright (C) 2014 Michal Schmidt, Copyright (c) 2014 David Herrmann, Copyright (c) 2012 Michael Olbrich, Copyright (C) 2008 Ian Kent, Copyright (C) 2014 Tom Gundersen, Copyright (C) 2009 Alan Jenkins, Copyright (C) 2008 Ian Kent, Copyright (C) 2005-2008 Lennart Poettering, Copyright (C) 2011 Karel Zak <kzak@redhat.com>; |
| 315 | systemd-bootchart | 233 | GNU Lesser General Public License v2.1 or later | https://github.com/systemd/systemd-bootchart | Copyright 2015 Ronny Chevalier, Copyright 2013 Kay Sievers, Copyright 2010 Lennart Poettering, Copyright (C) 2000 Red Hat, Inc, Copyright (C) 1999 Tom Tromey, Copyright 2014 |

					Tom Gundersen, Copyright 2008-2011 Kay Sievers, Copyright 2014 Tom Gundersen, Copyright (C) 2009-2013 Intel Corporation, Copyright 2014 Michal Schmidt
304	Tadween	1.0.4	MIT License	http://sourceforge.net/projects/tadween/	Copyright(C)2009 Mohammad Arabix (mohammadhi at gmail d0t com);
305	TagLib	1.11.1	GNU Lesser General Public License v2.1 or later	http://tracker.debian.org/pkg/taglib	Copyright(C) 2006 by Lukáš Lalinský, Copyright (C) 2011 by Mathias Panzenböck, Copyright (C) 2003 by Scott Wheeler, Copyright (C) 2004 by Allan Sandfeld, Copyright (C) 2010 by Alex Novichkov, Copyright (C) 2010 by Anton Sergunov, Copyright (C) 2011 by Mathias Panzenböck, Copyright (C) 2006 by Aaron VonderHaar, Copyright (C) 2012 by Tsuda Kageyu, copyright : (C) 2003 by Ismael Orenstein, Copyright 2001 Unicode, Inc.;
306	TCP Wrappers	7.6	TCP Wrappers License	ftp://ftp.porcupine.org/pub/security/index.html	Copyright (c) 1995 Tatu Ylonen, Author= Wietse Venema, Eindhoven University of Technology, The Netherlands.;
307	Templatized C++ Command Line Parser	1.2.1	MIT License	http://sourceforge.net/projects/tclap/	Copyright (c) 2003 Michael E. Smoot, Copyright (c) 2004, Michael E. Smoot, Daniel Aarno, Erik Zeek, Fabien Carmagnac (Tinbergen-AM), Carol Smoot.;
309	The ASN.1 Compiler	0.9.27	BSD 3-Clause "New" or "Revised" License	http://github.com/vlm/asn1c/	Copyright (c) 2004, 2006 Lev Walkin <vlm@lionet.info>. All rights reserved,Copyright (c) 2003, 2004 X/IO Labs, xiolabs.com;
310	Threaded I/O Tester	0.3.3	GNU General Public License v2.0 or later	http://tiobench.sourceforge.net/	Coptright(C)Author=Randy Hron, Author=James Manning;
311	Threading Building Blocks – tbb	20170412	Apache License 2.0	https://github.com/oneapi-src/oneTBB	Copyright (c) 2005-2017 Intel Corporation

312	TinyXML	2.6.2, 3.0.0	zlib License	http://sourceforge.net/projects/tinyxml/	Copyright(C)2000-2006 Lee Thomason ;
313	TomTom	1.7	MIT License	https://www.tomtom.com/en_in/	Copyright (c) 2016 TomTom International B.V.
314	Totem Playlist Parser	3.4.5	GNU Library General Public License v2 or later	https://developer.gnome.org/totem-pl-parser/stable/index.html	Copyright (c) 2010 William Pitcock <nenolod@dereferenced.org>, Copyright (C) 2002-2003,2007 the xine project, Copyright (C) 2009, Nokia The Gnome Library, Copyright (C) 2003, 2004 Colin Walters, Copyright (C) 2002, 2003, 2004, 2005, 2006 Bastien Nocera, Copyright (C) 2007 Jonathan Matthew, Copyright (C) 2004 Ronald Bultje;
315	trace-cmd	2.7	GNU General Public License v2.0 only	http://github.com/rostedt/trace-cmd/	Copyright (C) 2009 Frederic Weisbecker, Copyright (C) 2008, 2009, 2010, 2013 Red Hat Inc, Steven Rostedt <srostedt@redhat.com> Copyright (C) 2009, Steven Rostedt. Copyright (C) 2009 Johannes Berg.;
316	Traffic Signs Germany	2009	Public Domain	https://routetogermany.com/	NO COPYRIGHTS CLAIMED
317	Tslib	1.15	GNU Lesser General Public License v2.1 only	http://tracker.debian.org/pkg/tslib	Copyright (C) 2004 Michael Opdenacker, Copyright (C) 2005 Alberto Mardegan <mardy@sourceforge.net>, Copyright (C) 2003 Chris Larson, Copyright (C) 2003 Texas Instruments, Inc., Copyright (C) 2009 Michael Olbrich, Pengutronix e.K, Copyright (C) Jean-Baptiste Théou <jean-baptiste.theou@vodalys.com>, Copyright (C) 2001 Russell King, Copyright (C) 2002 Nicolas Pitre.;
318	Unzip	6	Info-ZIP License	http://www.info-zip.org/pub/infozip/UnZip.html	Copyright (c) 1990-2014 Info-ZIP. All rights reserved, Copyright 1994, 1995 Greg Roelofs, Copyright (C) 1990-1992 Mark Adler, Richard B. Wales, Jean-loup Gailly,Kai

					Uwe Rommel and Igor Mandrichenko;
319	update-rc.d	0.7	GNU General Public License v2.0 or later	http://github.com/philb/update-rc.d/	Copyright (c) 2003, 2004 Phil Blundell <pb@handhelds.org>.;
320	usbutils	9	GNU General Public License v2.0 or later	http://tracker.debian.org/pkg/usbutils	Copyright (C) 2003 Aurelien Jarno (aurelien@aurel32.net), Copyright (C) 1999, 2000 Thomas Sailer (sailer@ife.ee.ethz.ch), Copyright (C) 2013 Tom Gundersen (teg@jklm.no), Copyright (C) 2003-2005 David Brownell, Copyright (C) 2010 Nikolai Kondrashov, Copyright (C) Kurt Garloff <garloff@suse.de>, 2/2009, Copyright (C) Kurt Garloff <kurt@garloff.de>, 9/2013;
321	UTF-8 CPP	2.3.4	Boost Software License 1.0	http://sourceforge.net/projects/utfcpp/	Copyright:2006 Nemanja Trifunovic
322	util-linux	2.32.1, 2.26.2	GNU General Public License v2.0 only	http://tracker.debian.org/pkg/util-linux	Copyright (c) 2008 Roy Peled, Copyright (C) 2000-2002 Transmeta Corporation, Copyright (c) 2004-2006 by Michael Holzt Copyright Red Hat Software, 1999, 2000, Copyright (C) 2010 Jason Borden , Copyright (C) 2008,2010 Karel Zak , Copyright (C) 2008-2009 Karel Zak , Copyright (C) 1994-1999 Kevin E. Martin Copyright (C) 1995 Andries E. Brouwer (aeb@cwi.nl), Copyright (C) 1999-2008 by Theodore Ts'o, Copyright (C) 2010 Davidlohr Bueso , Copyright (C) 2012 Ondrej Oprala Copyright (C) 2012 Sami Kerola , Copyright (C) 2009-2010 Free Software Foundation, Inc Copyright (C) 2011 Davidlohr Bueso , Copyright 2010 Lennart Poettering Copyright (C) 2001 Andreas Dilger, Copyright (C) Andries Brouwer, Copyright (C) 2013

					Rolf Fokkens Copyright (C) 2010 Jeroen Oortwijn , Copyright (C) 2009 by Bastian Friedrich Copyright (C) 2011 by Philipp Marek , Copyright 1996, 2003 Rickard E. Faith (faith@acm.org) Copyright (c) 1987, 1992 The Regents of the University of California, Copyright (c) 2000-2001 Gunnar Ritter, Copyright (C) 1990 Gordon Irlam (gordoni@cs.ua.oz.au), Copyright (C) 2008, James Youngman Copyright (C) 2008 Hayden A. James (hayden.james@gmail.com) , Copyright (C) 2012-2013 Eric Biederman Copyright (C) 2011 Davidlohr Bueso , Copyright 1995 Nick Simicich (njs@scifi.emi.net) Copyright (C) 2005 Jens Axboe , Copyright (c) 1997-2005 Frodo Looijaard .;
323	Utm	2.9.1	Utm License	http://alephnull.net/software/gis/UTM_WGS84_C_plus_plus.shtml	Copyright:Original Javascript by Chuck Taylor Port to C++ by Alex Hajnal;
324	uuid	2.32.1	BSD 3-Clause "New" or "Revised" License	https://github.com/uuidjs/uuid	Copyright (C) 1996, 1997, 1998 Theodore Ts'o..
325	V4l-utils	1.15.0	GNU General Public License v2.0 or later MultipleLicenses: GPL-V2.0 only,LGPL license, MIT Licnese, BSD 3-clause "New" or "Revised" License;	http://git.linuxtv.org/v4l-utils.git	Copyright (C) 2007 Mauro Carvalho Chehab <mchehab@infradead.org>, Copyright (c) 2011-2012 - Mauro Carvalho Chehab, Copyright (C) 2004,2008,2007,2010,2011,2012 Hans Verkuil <hverkuil@xs4all.nl>, Copyright (C) 2016 Cisco Systems, Inc. and/or its affiliates. All rights reserved. Copyright (C) 2003-2004 Kevin Thayer <nufan_wfk at yahoo dot com>, Copyright (C) 2014 Cisco Systems, Inc. and/or its affiliates. All

					rights reserved, Copyright (C) 2011 Red Hat, Inc. Copyright (C) 2016 Sean Young <sean@mess.org>.;
326	Valgrind Instrumentation Framework	3.13.0	GNU General Public License v2.0 or later	http://valgrind.org/	Copyright (C) 2014-2017 Philippe Waroquiers, Copyright notice: (C) 1995-2004 Jean-loup Gailly, Copyright (C) 2000-2017 Julian Seward jseward@acm.org, Copyright (C) 2011-2017 Nicholas Nethercote njn@valgrind.org, Copyright (C) 2002-2017, Josef Weidendorfer (Josef.Weidendorfer@gmx.de), Copyright (C) 2008-2017 OpenWorks Ltd info@open-works.co.uk, Copyright (C) 2013-2017 Mozilla Foundation, Copyright (C) 2008 Markus Franz Xaver Johannes Oberhumer, Copyright (C) 2008 BitWagon Software LLC, Copyright 1993, 1994, 1995 Tristan Gingold, Copyright (C) 2001, 2002, 2004, 2005, 2011 Free Software Foundation, Inc, Copyright (C) 2006-2017 Bart Van Assche <bvanassche@acm.org>;
327	vsomeip	2.10.10	Mozilla Public License 2.0	https://github.com/GENIVI/vsomeip	Copyright (C) 2014-2017 Bayerische Motoren Werke Aktiengesellschaft (BMW AG);
328	WavPack Lossless Audio Compressor	4.60.1	BSD 3-Clause "New" or "Revised" License	http://sourceforge.net/projects/wavpack/	Copyright (c) 1998 - 2006 Conifer Software,(c) 2006 Joachim Henke;
329	Wayland and Weston	1.14.0	MIT License MultipleLicenses: X11-R5	http://wayland.freedesktop.org/	Copyright © 2017 Pekka Paalanen pq@iki.fi, Copyright (C) 2017 Advanced Driver Information Technology Joint Venture GmbH, Copyright © 2008-2013 Kristian Høgsberg, Copyright © 2013 Renesas Solutions Corp. Copyright © 2008-2011 Kristian

					Høgsberg. Copyright © 2010-2011 Intel Corporation. Copyright © 2013 Rafael Antognolli, Copyright © 2013 Jasper St. Pierre, Copyright © 2011 Benjamin Franzke, Copyright © 2013 Jason Ekstrand, Copyright © 2010-2013 Intel Corporation, Copyright © 2012 Intel Corporation, Copyright © 2012-2013 Collabora, Ltd, Copyright © 2014, 2015 Collabora, Ltd. Copyright (C) 2013 DENSO CORPORATION, Copyright (c) 2013 BMW Car IT GmbH. Copyright © 2012 Openismus GmbH;
330	wireless-tools	30.pre9	GNU General Public License v2.0 or later	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html	Copyright (c) 1997-2009 Jean Tourrilhes.;
331	wpa_supplicant - IEEE 802.1X, WPA, WPA2, RSN, IEEE 802.11i	2.4, 2.9	BSD 3-Clause "New" or "Revised" License	http://hostap.epitest.fi/wpa_supplicant/	Copyright 2002,2003,2004,2006,2008, 2009,2010,2012,2013,2014, 2015 Jouni Malinen, Copyright 2002-2004, Instant802 Networks, Inc, Copyright 2014, Qualcomm Atheros Inc., Copyright 2009-2010, Atheros Communications, Copyright 2006-2010 Johannes Berg <johannes@sipsolutions.net>, Copyright 2007 Andy Green <andy@warmcat.com>, Copyright 2003, 2004 David Young Copyright 2000-2003 Intel Corporation, Copyright 2006, Dan Williams <dcbw@redhat.com> and Red Hat, Inc, Copyright 2013-2014, cozybit, Inc, Copyright 2014, Intel Mobile Communication GmbH.;
332	XML parser generator	2.23	BSD 3-Clause "New" or "Revised" License	http://sourceforge.net/projects/fathom/	Copyright (c) 2002, Frank Vanden Berghen;

333	XML-Parser	2.46	MIT License	http://search.cpan.org /~toddr/XML-Parser/	Copyright 1998 Clark Cooper, Copyright 1998 Larry Wall and Clark Cooper
334	XZ Utils	5.2.3	Public Domain	http://tukaani.org/xz/	NO COPYRIGHTS CLAIMED
336	yajl-c	2.1.0	BSD 3-Clause "New" or "Revised" License	http://github.com/lloyd /yajl/	Copyright 2007-2014, Lloyd Hilaiel;
337	zlib	1.2.11, 1.2.8, 1.2.3	zlib License	http://tracker.debian.o rg/pkg/zlib	Copyright (C) 1995-2003 Mark Adler. Copyright (C) 1995-2004 Mark Adler. Copyright (C) 1995-2005 Mark Adler.;

2 Appendix - License Text

2.1 Academic Free License v2.1

The Academic Free License

      v.2.1

This Academic Free License (the "License") applies to any original work of authorship (the "Original Work") whose owner (the "Licensor") has placed the following notice immediately following the copyright notice for the Original Work:

Licensed under the Academic Free License version 2.1

  1) Grant of Copyright License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license to do the following:

    a) to reproduce the Original Work in copies;

    b) to prepare derivative works ("Derivative Works") based upon the Original Work;

c) to distribute copies of the Original Work and Derivative Works to the public;

d) to perform the Original Work publicly; and

e) to display the Original Work publicly.

2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, to make, use, sell and offer for sale the Original Work and Derivative Works.

3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.

4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior written permission of the Licensor. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the licensed claims defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.

5) This section intentionally omitted.

6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.

7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately proceeding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NON-INFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to any person for any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor'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.

9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Section 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Section 1 herein, You indicate Your acceptance of this License and all of its terms and conditions.

10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim, against Licensor or any licensee alleging that the Original Work infringes a patent. This termination provision shall not apply for an action alleging patent infringement by combinations of the Original Work with other software or hardware.

11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to the requirements and penalties of the U.S. Copyright Act, 17 U.S.C. ? 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.

12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys' fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) 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.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, 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 that controls, is controlled by, or is under common control with you. For 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.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

This license is Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved.

Permission is hereby granted to copy and distribute this license without modification. This license may not be modified without the express written permission of its copyright owner.

2.2 Apache License 2.0

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.

2.3 Apple MIT License

Copyright: Copyright (c) 2006 by Apple Computer, Inc., All Rights Reserved.

IMPORTANT: This Apple software is supplied to you by Apple Computer, Inc. ("Apple") in consideration of your agreement to the following terms, and your use, installation, modification or redistribution of this Apple software constitutes acceptance of these terms. If you do not agree with these terms, please do not use, install, modify or redistribute this Apple software.

In consideration of your agreement to abide by the following terms, and subject to these terms, Apple grants you a personal, non-exclusive license, under Apple's copyrights in this original Apple software (the "Apple Software"), to use, reproduce, modify and redistribute the Apple Software, with or without modifications, in source and/or binary forms; provided that if you redistribute the Apple Software in its entirety and without modifications, you must retain this notice and the following text and disclaimers in all such redistributions of the Apple Software. Neither the name, trademarks, service marks or logos of Apple Computer, Inc. may be used to endorse or promote products derived from the Apple Software without specific prior written permission from Apple. Except as expressly stated in this notice, no other rights or licenses, express or implied, are granted by Apple herein, including but not limited to any patent rights that may be infringed by your derivative works or by other works in which the Apple Software may be incorporated.

The Apple Software is provided by Apple on an "AS IS" basis. APPLE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE APPLE SOFTWARE OR ITS USE AND OPERATION ALONE OR IN COMBINATION WITH YOUR PRODUCTS.

IN NO EVENT SHALL APPLE BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) ARISING IN ANY WAY OUT OF THE USE, REPRODUCTION, MODIFICATION AND/OR DISTRIBUTION OF THE APPLE SOFTWARE, HOWEVER CAUSED AND WHETHER UNDER THEORY OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF APPLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.4 Apple Public Source License 1.1

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."

2.5 Boost Software License 1.0

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.

2.6 BSD 2-Clause "Simplified" License

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.

2.7 BSD 3-Clause "New" or "Revised" License

Copyright (c) . 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.

2.8 BSD-like license (libktx)

LibKTX contains code

@li (c) 2010 & (c) 2013 The Khronos Group Inc.

@li (c) 2008 and (c) 2010 HI Corporation

@li (c) 2005 Ericsson AB

@li (c) 2003-2010, Troy D. Hanson

A specific copyright is given in each source file.

@section default Default License

With the exception of the files listed explicitly below, the source

files are made available under the following BSD-like license.

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

unaltered in all copies or substantial portions of the Materials.

Any additions, deletions, or changes to the original source files

must be clearly indicated in accompanying documentation.

If only executable code is distributed, then the accompanying

documentation must state that "this software is based in part on the

work of the Khronos Group."

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.

@section hi_mark hi_mark{,_sq}.ktx

The HI logo textures are © & ™ HI Corporation and are

provided for use only in testing the KTX loader. Any other use requires

specific prior written permission from HI. Furthermore the name HI may

not be used to endorse or promote products derived from this software

without specific prior written permission.

@section uthash uthash.h

uthash.h is made available under the following revised BSD license.

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.

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.

2.9 Bzip2 License

This program, "bzip2", the associated library "libbzip2", and alldocumentation, are copyright (C) 1996-2005 Julian R Seward. Allrights reserved.
Redistribution and use in source and binary forms, with or withoutmodification, are permitted provided that the following conditionsare met:
Redistributions of source code must retain the above copyrightnotice, this list of conditions and the following disclaimer.
The origin of this software must not be misrepresented; you mustnot claim that you wrote the original software. If you use thissoftware in a product, an acknowledgment in the productdocumentation would be appreciated but is not required.
Altered source versions must be plainly marked as such, and mustnot be misrepresented as being the original software.
The name of the author may not be used to endorse or promoteproducts derived from this software without specific prior writtenpermission.
THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESSOR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIEDWARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSEARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANYDIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIALDAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTEGOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESSINTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDINGNEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THISSOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.10 copyleft-next 0.3.0

copyleft-next 0.3.0 ("this License")

Release date: 2013-05-16

1. License Grants; No Trademark License

Subject to the terms of this License, I grant You:

   a) A non-exclusive, worldwide, perpetual, royalty-free, irrevocable copyright license, to reproduce, Distribute, prepare derivative works of, publicly perform and publicly display My Work.

   b) A non-exclusive, worldwide, perpetual, royalty-free, irrevocable patent license under Licensed Patents to make, have made, use, sell, offer for sale, and import Covered Works.

This License does not grant any rights in My name, trademarks, service marks, or logos.

2. Distribution: General Conditions

You may Distribute Covered Works, provided that You (i) inform recipients how they can obtain a copy of this License; (ii) satisfy the applicable conditions of sections 3 through 6; and (iii) preserve all Legal Notices contained in My Work (to the extent they remain pertinent). "Legal Notices" means copyright notices, license notices, license texts, and author attributions, but does not include logos, other graphical images, trademarks or trademark legends.

3. Conditions for Distributing Derived Works; Outbound GPL Compatibility

If You Distribute a Derived Work, You must license the entire Derived Work as a whole under this License, with prominent notice of such licensing. This condition may not be avoided through such means as separate Distribution of portions of the Derived Work. You may additionally license the Derived Work under the GPL, so that the recipient may further Distribute the Derived Work under either this License or the GPL.

4. Condition Against Further Restrictions; Inbound License Compatibility

When Distributing a Covered Work, You may not impose further restrictions on the exercise of rights in the Covered Work granted under this License. This condition is not excused merely because such restrictions result from Your compliance with conditions or obligations extrinsic to this License (such as a court order or an agreement with a third party).

However, You may Distribute a Covered Work incorporating material governed by a license that is both OSI-Approved and FSF-Free as of the release date of this License, provided that Your Distribution complies with such other license.

5. Conditions for Distributing Object Code

You may Distribute an Object Code form of a Covered Work, provided that you accompany the Object Code with a URL through which the Corresponding Source is made available, at no charge, by some standard or customary means of providing network access to source code.

If you Distribute the Object Code in a physical product or tangible storage medium ("Product"), the Corresponding Source must be available through such URL for two years from the date of Your most recent Distribution of the Object Code in the Product. However, if the Product itself contains or is accompanied by the Corresponding Source (made available in a customarily accessible manner), You need not also comply with the first paragraph of this section.

Each recipient of the Covered Work from You is an intended third-party beneficiary of this License solely as to this section 5, with the right to enforce its terms.

6. Symmetrical Licensing Condition for Upstream Contributions

If You Distribute a work to Me specifically for inclusion in or modification of a Covered Work (a "Patch"), and no explicit licensing terms apply to the Patch, You license the Patch under this License, to the extent of Your copyright in the Patch. This condition does not negate the other conditions of this License, if applicable to the Patch.

7. Nullification of Copyleft/Proprietary Dual Licensing

If I offer to license, for a fee, a Covered Work under terms other than a license that is OSI-Approved or FSF-Free as of the release date of this License or a numbered version of copyleft-next released by the Copyleft-Next Project, then the license I grant You under section 1 is no longer subject to the conditions in sections 2 through 5.

8. Copyleft Sunset

The conditions in sections 2 through 5 no longer apply once fifteen years have elapsed from the date of My first Distribution of My Work under this License.

9. Pass-Through

When You Distribute a Covered Work, the recipient automatically receives a license to My Work from Me, subject to the terms of this License.

10. Termination

Your license grants under section 1 are automatically terminated if You

a) fail to comply with the conditions of this License, unless You cure such noncompliance within thirty days after becoming aware of it, or

b) initiate a patent infringement litigation claim (excluding declaratory judgment actions, counterclaims, and cross-claims) alleging that any part of My Work directly or indirectly infringes any patent.

Termination of Your license grants extends to all copies of Covered Works You subsequently obtain. Termination does not terminate the rights of those who have received copies or rights from You subject to this License.

To the extent permission to make copies of a Covered Work is necessary merely for running it, such permission is not terminable.

11. Later License Versions

The Copyleft-Next Project may release new versions of copyleft-next, designated by a distinguishing version number ("Later Versions"). Unless I explicitly remove the option of Distributing Covered Works under Later Versions, You may Distribute Covered Works under any Later Version.

12. No Warranty

My Work is provided "as-is", without warranty. You bear the risk of using it. To the extent permitted by applicable law, each Distributor of My Work excludes the implied warranties of title, merchantability, fitness for a particular purpose and non-infringement.

13. Limitation of Liability

To the extent permitted by applicable law, in no event will any Distributor of My Work be liable to You for any damages whatsoever, whether direct, indirect, special, incidental, or consequential damages, whether arising under contract, tort (including negligence), or otherwise, even where the Distributor knew or should have known about the possibility of such damages.

14. Severability

The invalidity or unenforceability of any provision of this License does not affect the validity or enforceability of the remainder of this License. Such provision is to be reformed to the minimum extent necessary to make it valid and enforceable.

15. Definitions

"Copyleft-Next Project" means the project that maintains the source code repository at <https://gitorious.org/copyleft-next/> as of the release date of this License.

"Corresponding Source" of a Covered Work in Object Code form means (i) the Source Code form of the Covered Work; (ii) all scripts, instructions and similar information that are reasonably necessary for a skilled developer to generate such Object Code from the Source Code provided under (i); and (iii) a list clearly identifying all Separate Works (other than those provided in compliance with (ii)) that were specifically used in building and (if applicable) installing the Covered Work (for example, a specified proprietary compiler including its version number). Corresponding Source must be machine-readable.

"Covered Work" means My Work or a Derived Work.

"Derived Work" means a work of authorship that copies from, modifies, adapts, is based on, is a derivative work of, transforms, translates or contains all or part of My Work, such that copyright permission is required. The following are not Derived Works: (i) Mere Aggregation; (ii) a mere reproduction of My Work; and (iii) if My Work fails to explicitly state an expectation otherwise, a work that merely makes reference to My Work.

"Distribute" means to distribute, transfer or make a copy available to someone else, such that copyright permission is required.

"Distributor" means Me and anyone else who Distributes a Covered Work.

"FSF-Free" means classified as 'free' by the Free Software Foundation.

"GPL" means a version of the GNU General Public License or the GNU Affero General Public License.

"I"/"Me"/"My" refers to the individual or legal entity that places My Work under this License. "You"/"Your" refers to the individual or legal entity exercising rights in My Work under this License. A legal entity includes each entity that

controls, is controlled by, or is under common control with such legal entity. "Control" means (a) the power to direct the actions of such legal entity, whether by contract or otherwise, or (b) ownership of more than fifty percent of the outstanding shares or beneficial ownership of such legal entity.

"Licensed Patents" means all patent claims licensable royalty-free by Me, now or in the future, that are necessarily infringed by making, using, or selling My Work, and excludes claims that would be infringed only as a consequence of further modification of My Work.

"Mere Aggregation" means an aggregation of a Covered Work with a Separate Work.

"My Work" means the particular work of authorship I license to You under this License.

"Object Code" means any form of a work that is not Source Code.

"OSI-Approved" means approved as 'Open Source' by the Open Source Initiative.

"Separate Work" means a work that is separate from and independent of a particular Covered Work and is not by its nature an extension or enhancement of the Covered Work, and/or a runtime library, standard library or similar component that is used to generate an Object Code form of a Covered Work.

"Source Code" means the preferred form of a work for making modifications to it.

2.11   Eclipse Distribution License 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

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 Eclipse Foundation, 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.

2.12 Fine Free File Command License

This software is not subject to any export provision of the United States Department of Commerce, and may be exported to any country or planet.

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 immediately at the beginning of the file, without modification, 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'' ANDANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THEIMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSEARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FORANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIALDAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODSOR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICTLIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAYOUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OFSUCH DAMAGE.

2.13 FreeImage Public License v1.0

FreeImage Public License - Version 1.0

 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.

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 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 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 notice described in Exhibit A. 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 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 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 descr ibe 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.

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; 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.

Floris van den Berg 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 Floris van den Berg

No one other than Floris van den Berg 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 "FreeImage", `FreeImage Public License", "FIPL", 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 FreeImage 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 Dutch 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 The Netherlands: (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 Almelo, The Netherlands; and (c) any litigation relating to this Agreement shall be subject to the jurisdiction of the court of Almelo, The Netherlands with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys fees and expenses. 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. EXHIBIT A.

"The contents of this file are subject to the FreeImage Public License Version 1.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://home.wxs.nl/~flvdberg/freeimage-license.txt

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.

2.14 Freetype Project License

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 ---

2.15 GCC Runtime Library Exception 3.1 to GPL 3.0

GCC Runtime Library Exception 3.1 to GPL 3.0

Version 3.1, 31 March 2009

Copyright (c) 2009 Free Software Foundation, Inc.

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.

1. 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.

2. 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.

3. 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.

GNU GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc.

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 extend 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)

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 .

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:

  Copyright (C)

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 .

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 .

2.16 GNU General Public License v2.0 only

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 extend 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.

2.17 GNU General Public License v2.0 only and GPLV2 with Linux Syscall note

The GNU General Public License v2.0 wLinux-syscall-note

NOTE! This copyright does not cover user programs that use kernel services by normal system calls - this is merely considered normal use of the kernel, and does not fall under the heading of derived work. Also note that the GPL below is copyrighted by the Free Software Foundation, but the instance of code that it refers to (the Linux kernel) is copyrighted by me and others who actually wrote it.

Also note that the only valid version of the GPL as far as the kernel is concerned is _this_ particular version of the license (ie v2, not v2.2 or v3.x or whatever), unless explicitly otherwise stated.

Linus Torvalds

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 andor 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 andor 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 extend 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 authordonor 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 andor 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 andor 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 ANDOR 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 ANDOR 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

2.18 GNU General Public License v2.0 or later

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 USAEveryone is permitted to copy and distribute verbatim copiesof 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

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.

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.

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:

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

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.

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 extend 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.

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:

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,

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,

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.

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.

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.

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.

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.

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.

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.

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

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.

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)This program is free software; you can redistribute it and/ormodify it under the terms of the GNU General Public Licenseas published by the Free Software Foundation; either version 2of 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 ofMERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See theGNU General Public License for more details.You should have received a copy of the GNU General Public Licensealong with this program; if not, write to the Free SoftwareFoundation, 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 authorGnomovision comes with ABSOLUTELY NO

WARRANTY; for detailstype `show w'. This is free software, and you are welcometo 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 copyrightinterest in the program `Gnomovision'(which makes passes at compilers) writtenby James Hacker.signature of Ty Coon, 1 April 1989Ty 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.

2.19 GNU General Public License v2.0 w/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 extend 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.

2.20 GNU Lesser General Public License v2.1 only

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 extend 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!

2.21 GNU Lesser General Public License v2.1 or later

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 extend 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., 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!

2.22 GNU Library General Public License v2 only

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 extend 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!

2.23 GNU Library General Public License v2 or later

GNU Library General Public License
Version 2, June 1991

Copyright (C) 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.

[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 other libraries whose authors who 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 extend 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 1990Ty Coon, President of Vice
That's all there is to it!

2.24 GPL 2.0 with OpenSSL Exception

Specific permission is granted for the GPLed code in this distribution to be linked to OpenSSL without invoking GPL clause 2(b).

2.25 ICU License

ICU License - ICU 1.8.1 and later

COPYRIGHT AND PERMISSION NOTICE Copyright (c) 1995-2014 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.

2.26 Independent JPEG Group License

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."

2.27 Info-ZIP License

Info-ZIP License 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.

2.28 Info-ZIP Updated License

This is version 2007-Mar-4 of the Info-ZIP license. The definitive version of this document should be available atftp://ftp.info-zip.org/pub/infozip/license.html indefinitely and a copy at http://www.info-zip.org/pub/infozip/license.html.
Copyright (c) 1990-2007 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, expressor implied. In no event shall Info-ZIP or its contributors be held liablefor any direct, indirect, incidental, special or consequential damagesarising 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 itfreely, 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. 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.

2.29 ISC License

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.

2.30 Jam STAPL Software License

Jam STAPL Software License SOFTWARE DISTRIBUTION AGREEMENT THE JAM SOFTWARE PROGRAM AND EXECUTABLE FILES, AND RELATED SPECIFICATION DOCUMENTATION ("PROGRAMS") (AVAILABLE FOR DOWNLOADING FROM THIS WEB SITE OR ENCLOSED WITH THE COMPUTER DISK ACCOMPANYING THIS NOTICE), ARE MADE FREELY AVAILABLE FOR USE BY ANYONE, SUBJECT TO CERTAIN TERMS AND CONDITIONS SET FORTH BELOW. PLEASE READ THESE TERMS AND CONDITIONS CAREFULLY BEFORE DOWNLOADING OR USING THE PROGRAMS. BY DOWNLOADING OR USING THE PROGRAMS YOU INDICATE YOUR ACCEPTANCE OF THESE TERMS AND CONDITIONS, WHICH CONSTITUTE THE LICENSE AGREEMENT (the "AGREEMENT") BETWEEN YOU AND ALTERA CORPORATION ("ALTERA") WITH REGARD TO THE PROGRAMS. IN THE EVENT THAT YOU DO NOT AGREE WITH ANY OF THESE TERMS AND CONDITIONS, DO NOT DOWNLOAD THE PROGRAMS OR PROMPTLY RETURN THE PROGRAMS TO ALTERA UNUSED. 1. License Terms Subject to the terms and conditions of this Agreement, Altera grants to you a worldwide, nonexclusive, perpetual license (with the right to grant sublicenses, and authorize sublicensees to sublicense further) to use, copy, prepare derivative works based on, and distribute the Programs and derivative works thereof, provided that any distribution or sublicense is subject to the same terms and conditions that you use for distribution of your own comparable software products. Any copies of the Programs or derivative works thereof will continue to be subject to the terms and conditions of this Agreement. You must include in any copies of the Programs or derivative works thereof any trademark, copyright, and other proprietary rights notices included in the Programs by Altera. 2. Disclaimer of Warranties and Remedies NO WARRANTIES, EITHER EXPRESS OR IMPLIED, ARE MADE WITH RESPECT TO THE PROGRAMS, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NONINFRINGEMENT, AND ALTERA EXPRESSLY DISCLAIM ALL WARRANTIES NOT STATED HEREIN. YOU ASSUME THE ENTIRE RISK AS TO THE QUALITY, USE, AND PERFORMANCE OF THE PROGRAMS. SHOULD THE PROGRAMS PROVE DEFECTIVE OR FAIL TO PERFORM PROPERLY, YOU -- AND NOT ALTERA -- SHALL ASSUME THE ENTIRE COST AND RISK OF ANY REPAIR, SERVICE, CORRECTION, OR ANY OTHER LIABILITY OR DAMAGES CAUSED BY OR OTHERWISE ASSOCIATED WITH THE PROGRAMS. ALTERA DOES NOT WARRANT THAT THE PROGRAMS WILL MEET YOUR REQUIREMENTS, OR THAT THE OPERATION OF THE PROGRAMS WILL BE UNINTERRUPTED OR ERROR-FREE. YOU ALSO ASSUME RESPONSIBILITY FOR THE SELECTION, INSTALLATION, USE, AND RESULTS OF USING THE PROGRAMS. Some states do not allow the exclusion of implied warranties, so the above exclusion may not apply to you. ALTERA SHALL NOT BE LIABLE TO YOU OR ANY OTHER PERSON FOR ANY DAMAGES, INCLUDING ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, EXPENSES, LOST PROFITS, LOST SAVINGS, OR OTHER DAMAGES ARISING OUT OF OR OTHERWISE ASSOCIATED WITH THE USE OF OR INABILITY TO USE THE PROGRAMS. IN ANY EVENT, ALTERA'S LIABILITY UNDER THIS AGREEMENT SHALL NOT EXCEED THE LARGER OF EITHER THE AMOUNT YOU PAID ALTERA FOR USE OF THE PROGRAMS, OR ONE HUNDRED DOLLARS ($100). YOUR SOLE REMEDIES

AND ALTERA'S ENTIRE LIABILITY ARE AS SET FORTH ABOVE. Some states do not allow the limitation or exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. To the extent that the Programs are derived from third-party software or other third-party materials, no such third-party provides any warranties with respect to the Programs, assumes any liability regarding use of the Programs, or undertakes to furnish you any support or information relating to the Programs. 3. General You acknowledge that Altera is not responsible for and is not obligated to provide, any support, including email and telephone support, for any purpose with respect to the Programs. You acknowledge that the Programs are made freely available in accordance with this Agreement as part of an effort to promote broad use of the Programs with minimum interference by you and Altera. Accordingly, you agree that, if you obtain any patents relating to inventions or discoveries made through use of or access to the Programs or derivative works thereof, or that are necessary for the use of the Programs, you will not bring any claim for infringement thereof against Altera or any direct or indirect licensee of Altera in connection with or use of the Programs or derivative works thereof. The foregoing does not constitute a license of any copyright or trade secret. You shall not export the Programs, or any product programmed by the Programs, without first obtaining any necessary U.S. or other governmental licenses and approvals. This Agreement is entered into for the benefit of Altera and Altera's licensors and all rights granted to you and all obligations owed to Altera shall be enforceable by Altera and its licensors. This Agreement constitutes the entire understanding and agreement applicable to the Programs, superseding any prior or contemporaneous understandings or agreements. It may not be modified except in a writing executed by Altera. This Agreement will be governed by the laws of the State of California. You agree to submit to the jurisdiction of the courts in the State of California for the resolution of any dispute or claim arising out of or relating to this Agreement. The prevailing party in any legal action or arbitration arising out of this Agreement shall be entitled to reimbursement for its expenses, including court costs and reasonable attorneys' fees, in addition to any other rights and remedies such party may have. BY USING THE PROGRAMS YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT, UNDERSTAND IT, AND AGREE TO BE BOUND BY ITS TERMS AND CONDITIONS; YOU FURTHER AGREE THAT IT IS THE COMPLETE AND EXCLUSIVE STATEMENT OF THE AGREEMENT BETWEEN YOU AND ALTERA WHICH SUPERSEDES ANY PROPOSAL OR PRIOR AGREEMENT, ORAL OR WRITTEN, AND ANY OTHER COMMUNICATIONS BETWEEN YOU AND ALTERA RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT. 4. U.S. Government Restricted Rights The Programs and any accompanying documentation are provided with RESTRICTED RIGHTS. Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of The Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 or subparagraphs (c)(1) and (2) of Commercial Computer Software--Restricted Rights at 48 CFR 52.227-19, as applicable. Contractor/manufacturer is Altera Corporation, 101 Innovation Drive, San Jose, CA 95134 and its licensors.

2.31 libpng 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 1.4.5, December 9, 2010, are Copyright (c) 2004, 2006-2010 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 Digger

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 9, 2010

2.32 libtheora License

libtheora License
Copyright (C) 2002-2008 Xiph.Org Foundation and contributors.
Redistribution and use in source and binary forms, with or withoutmodification, are permitted provided that the following conditionsare met:
Redistributions of source code must retain the above copyrightnotice, this list of conditions and the following

disclaimer.

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

Neither the name of the Xiph.Org Foundation nor the names of itscontributors may be used to endorse or promote products derived fromthis 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 NOTLIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FORA PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATIONOR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOTLIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANYTHEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USEOF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

In addition to and irrespective of the copyright license associatedwith this software, On2 Technologies, Inc. makes the following statementregarding technology used in this software:

On2 represents and warrants that it shall not assert any rights relating to infringement of On2's registered patents, nor initiate any litigation asserting such rights, against any person who, or entity which utilizes the On2 VP3 Codec Software, including any use, distribution, and sale of said Software; which make changes, modifications, and improvements in said Software; and to use, distribute, and sell said changes as well as applications for other fields of use.

This reference implementation is originally derived from the On2 VP3Codec Software, and the Theora video format is essentially compatiblewith the VP3 video format, consisting of a backward-compatible superset.

2.33 libtiff License

Copyright (c) 1988-1997 Sam Leffler

Copyright (c) 1991-1997 Silicon Graphics, Inc.

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that (i) the above copyright notices and this permission notice appear in all copies of the software and related documentation, and (ii) the names of Sam Leffler and Silicon Graphics may not be used in any advertising or publicity relating to the software without the specific, prior written permission of Sam Leffler and Silicon Graphics.

THE SOFTWARE IS PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SAM LEFFLER OR SILICON GRAPHICS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

2.34 License for Delaunay-Triangulation

Ken Clarkson wrote this. Copyright (c) 1995 by AT&T.. Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software and in all copies of the supporting documentation for such software.

2.35 Lua 5.0 License

Copyright © 2003 Tecgraf, PUC-Rio.

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.

2.36 MIT License

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.

2.37 Mozilla Public License 2.0

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.

2.38 NeuQuant Neural-Net Quantization Algorithm License

2.39 OpenSceneGraph Public License Version 0.0

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

OPENSCENEGRAPH PUBLIC LICENCE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

This library is free software; you can redistribute it and/or modify it under the terms of the OpenSceneGraph Public License (OSGPL) version 0.0 or later.

Notes: the OSGPL is based on the LGPL, with the 4 exceptions laid out in the wxWindows section below. The LGPL is contained in the final section of this license.

2.40 OpenSSL Combined License

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:

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.

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/)"

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.

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.

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:

Redistributions of source code must retain the 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.

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 :-).

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.]

2.41   OSF - X Consortium License

OSF - X Consortium License
Copyright (c) 1994
Open Software Foundation, Inc.
Permission is hereby granted to use, copy, modify and freely distributethe software in this file and its documentation for any purpose withoutfee, provided that the above copyright notice appears in all copies andthat both the copyright notice and this permission notice appear insupporting documentation. Further, provided that the name of OpenSoftware Foundation, Inc. ("OSF") not be used in advertising orpublicity pertaining to distribution of the software without priorwritten permission from OSF. OSF makes no representations about thesuitability of this software for any purpose. It is provided "as is"without express or implied warranty.
Copyright (c) 1996 X Consortium
Copyright (c) 1996 Dalrymple Consulting
Permission is hereby granted, free of charge, to any person obtaining a copyof this software and associated documentation files (the "Software"), todealin the Software without restriction, including without limitation the rightsto use, copy, modify, merge, publish, distribute, sublicense, and/or sellcopies of the Software, and to permit persons to whom the Software isfurnished to do so, subject to the following conditions:
The above copyright notice and this permission notice shall be included inall copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS ORIMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THEX CONSORTIUM OR DALRYMPLE CONSULTING BE LIABLE FOR ANY CLAIM, DAMAGES OROTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OROTHER DEALINGS IN THE SOFTWARE.
Except as contained in this notice, the names of the X Consortium and Dalrymple Consulting shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization.

2.42   OSGEARTH SOFTWARE LICENSE

The osgEarth library and included programs are provided under the terms of the GNU Library General Public License (LGPL - included below) with the following exceptions and stipulations: 1. Static linking of applications and modules to the osgEarth library does NOT constitute a derivative work and does not require the author to provide source code for the application or module. 2. If you link the application or module to a modified version of the osgEarth library, then the modifications to osgEarth must be provided under the terms of the LGPL. 3. The text herein comprises the

definitive licensing information for the osgEarth library, and supersedes any licensing text found in osgEarth source files, header files, or documentation. ---- GNU LESSER GENERAL PUBLIC LICENSE Version 3, 29 June 2007 Copyright (C) 2007 Free Software Foundation, Inc. Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed. This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below. 0. Additional Definitions. As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License. "The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below. An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library. A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version". The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version. The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work. 1. Exception to Section 3 of the GNU GPL. You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL. 2. Conveying Modified Versions. If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version: a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy. 3. Object Code Incorporating Material from Library Header Files. The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following: a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License. b) Accompany the object code with a copy of the GNU GPL and this license document. 4. Combined Works. You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following: a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License. b) Accompany the Combined Work with a copy of the GNU GPL and this license document. c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document. d) Do one of the following: 0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source. 1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version. e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the

Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.) 5. Combined Libraries. 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 that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following: a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License. b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work. 6. Revised Versions of the GNU Lesser General Public License. The Free Software Foundation may publish revised and/or new versions of the GNU 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 as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation. If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

2.43   Public Domain

Public domain code is not subject to any license.

2.44   Python Software Foundation License 2.1

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI) in the Netherlands as a successor of a language called ABC. Guido is Python's principal author, although it includes many contributions from others. The last version released from CWI was Python 1.2. In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI) in Reston, Virginia where he released several versions of the software. Python 1.6 was the last of the versions released by CNRI. In 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. Python 2.0 was the first and only release from BeOpen.com.

Following the release of Python 1.6, and after Guido van Rossum left CNRI to work with commercial software developers, it became clear that the ability to use Python with software available under the GNU Public License (GPL) was very desirable. CNRI and the Free Software Foundation (FSF) interacted to develop enabling wording changes to the Python license. Python 1.6.1 is essentially the same as Python 1.6, with a few minor bug fixes, and with a different license that enables later versions to be GPL-compatible. Python 2.1 is a derivative work of Python 1.6.1, as well as of Python 2.0.

After Python 2.0 was released by BeOpen.com, Guido van Rossum and the other PythonLabs developers joined Digital Creations. All intellectual property added from this point on, starting with Python 2.1 and its alpha and beta releases, is owned by the Python Software Foundation (PSF), a non-profit modeled after the Apache Software Foundation. See http://www.python.org/psf/ for more information about the PSF.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.
PSF LICENSE AGREEMENT

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 2.1.1 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 2.1.1 alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001 Python Software Foundation; All Rights Reserved" are retained in Python 2.1.1 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 2.1.1 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 2.1.1.

4. PSF is making Python 2.1.1 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 2.1.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 2.1.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 2.1.1, 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 2.1.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

BEOPEN.COM TERMS AND CONDITIONS FOR PYTHON 2.0

BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated documentation ("the Software").

2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.

3. BeOpen is making the Software available to Licensee on an "AS IS" basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at http://www.pythonlabs.com/logos.html may be used according to the permissions granted on that web page.

7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.

CNRI OPEN SOURCE GPL-COMPATIBLE LICENSE AGREEMENT

---

1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 1.6.1 software in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, CNRI 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 1.6.1 alone or in any derivative version, provided, however, that CNRI's License Agreement and CNRI's notice of copyright, i.e., "Copyright (c) 1995-2001 Corporation for National Research Initiatives; All Rights Reserved" are retained in Python 1.6.1 alone or in any derivative version prepared by Licensee. Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6.1 is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement together with Python 1.6.1 may be located on the Internet using the following unique, persistent identifier (known as a handle): 1895.22/1013. This Agreement may also be obtained from a proxy server on the Internet using the following URL: http://hdl.handle.net/1895.22/1013".

3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6.1 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 1.6.1.

4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1, 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. This License Agreement shall be governed by the federal intellectual property law of the United States, including without limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of Virginia, excluding Virginia's conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based on Python 1.6.1 that incorporate non-separable material that was previously distributed under the GNU General Public License (GPL), the law of the Commonwealth of Virginia shall govern this License Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.   ACCEPT

CWI PERMISSIONS STATEMENT AND DISCLAIMER

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 Stichting Mathematisch Centrum or CWI not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM 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.

2.45 Stanford SRP Authentication Project 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" AND WITHOUT WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL STANFORD BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Redistributions in source or binary form must retain an intact copy of this copyright notice.

2.46 stunnel GPL 2.0 with Exception License

Linking stunnel statically or dynamically with other modules is making a combined work based on stunnel. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

In addition, as a special exception, the copyright holder of stunnel gives you permission to combine stunnel with free software programs or libraries that are released under the GNU LGPL and with code included in the standard release of OpenSSL under the OpenSSL License (or modified versions of such code, with unchanged license). You may copy and distribute such a system following the terms of the GNU GPL for stunnel and the licenses of the other code concerned.

Note that people who make modified versions of stunnel are not obligated to grant this special exception for their modified versions; it is their choice whether to do so. The GNU 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 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

   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.

   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.

   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:

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

      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.

      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 extend 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.

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:

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,

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,

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.

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.

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.

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.

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.

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.

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.

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

   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.

   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)

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.

2.47 TCP Wrappers License

Copyright 1995 by Wietse Venema. All rights reserved. Some individual files may be covered by other copyrights. This material was originally written and compiled by Wietse Venema at Eindhoven University of Technology, The Netherlands, in 1990, 1991, 1992, 1993, 1994 and 1995. Redistribution and use in source and binary forms, with or without modification, 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.

2.48 Unicode License

Copyright 2001 Unicode, Inc.

Disclaimer

This source code is provided as is by Unicode, Inc. No claims are made as to fitness for any particular purpose. No warranties of any kind are expressed or implied. The recipient agrees to determine applicability of information provided. If this file has been purchased on magnetic or optical media from Unicode, Inc., the sole remedy for any claim will be exchange of defective media within 90 days of receipt.

Limitations on Rights to Redistribute This Code

Unicode, Inc. hereby grants the right to freely use the information supplied in this file in the creation of products supporting the Unicode Standard, and to make copies of this file in any form for internal or external distribution as long as this notice remains attached.

2.49 Utm License

The C++ source code in UTM.cpp and UTM.h may be copied and reused without restriction.

2.50 zlib License

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.

2.51 The Unicode Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy.

A. Unicode Copyright
    1. Copyright © 1991-2023 Unicode, Inc. All rights reserved.
B. Definitions
C. Unicode Data Files ("DATA FILES") include all data files under the directories:
D. https://www.unicode.org/Public/
E. https://www.unicode.org/reports/
F. https://www.unicode.org/ivd/data/
G.
H. Unicode Data Files do not include PDF online code charts under the directory:
I. https://www.unicode.org/Public/
J.
K. Unicode Software ("SOFTWARE") includes any source code published in the Unicode Standard
L. or any source code or compiled code under the directories:
M. https://www.unicode.org/Public/PROGRAMS/
N. https://www.unicode.org/Public/cldr/
O. http://site.icu-project.org/download/
P. Terms of Use
    1. 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.
    2. Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files, subject to the Terms and Conditions herein.
    3. 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.
    4. 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.
    5. The Unicode PDF online code charts carry specific restrictions. Those restrictions are incorporated as the first page of each PDF code chart.
    6. All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.
    7. No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.
    8. Modification is not permitted with respect to this document. All copies of this document must be verbatim.
Q. Restricted Rights Legend
    1. 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.
R. 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, 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.

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 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.

S. Waiver of Damages
1. 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.

T. 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.

U. Miscellaneous
1. 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.
2. 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.
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.

3 Other Open-Source Dependencies:

Supplier: Alps_Alpine

Name of OSS Component	Version	License	Home Page	Copyri ghts
Android - platform - frameworks - base	android-6.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-8.0.0_r2	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-n-iot-preview-4	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - av	android-7.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - external - bluetooth - bluedroid	android-4.2.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - av	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-o-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-7.1.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-2.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-o-preview-2	Apache License 2.0	http://developer.android.com/index.html	
CyanogenMod - android_external_bluetooth_bluedroid	cm-10.2-M1	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-n-mr2-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-5.1.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-p-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-3.2.4_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-wear-n-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-8.1.0_r2	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-6.0.1_r30	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.0.3_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.4_r0.7	Apache License 2.0	http://developer.android.com/index.html	

Android - platform - frameworks - base	android-8.0.0_r21	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-wear-n-preview-2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-5.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.1.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-7.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - opt - bluetooth	android-n-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-4.3_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-n-iot-preview-4	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-n-preview-3	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-6.0.0_r5	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - external - bluetooth - bluedroid	android-4.4_r0.8	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-5.0.0_r2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.4_r0.9	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-o-preview-1	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-5.0.0_r2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - external - bluetooth - bluedroid	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-6.0.1_r56	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-4.4_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-7.0.0_r5	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.0.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Linux Kernel	v3.4-rc4	(GNU General Public License v2.0	https://www.kernel.org	

		only AND GNU General Public License v2.0 or later)		
Android - platform - frameworks - base	android-n-preview-4	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-7.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.4_r0.8	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - hardware - libhardware	android-5.1.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-n-mr2-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-6.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - opt - bluetooth	android-6.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-n-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	

Supplier:Android_OMR1				
Name of OSS Component	Version	License	Home Page	Copyrigh
ARM trusted firmaware BL31		BSD2		
AVB Media Clock Recovery Handler driver		GPL v2/MIT		
AVB Media Streaming Engine driver		GPL v2/MIT		
AVB Streaming driver		GPL v2/MIT		
boot_control		Apache v2		
device.renesas.common		Apache v2		
device.renesas.kingfisher		Apache v2		
device.renesas.salvator		Apache v2		
device.renesas.ulcb		Apache v2		
Dynamic Trusted Application Note		BSD2		
evs		Apache v2		
gatekeeper		Apache v2		
HWComposer		Apache v2		
interfaces.graphics.composer		Apache v2		
IPL		BSD		
Kernel		GPL v2		
keymaster		Apache v2		
LensPicker		Apache v2		
libLLVMIMG.so		University of Illinois/NCSA Open Source License		
libstagefrighthw		Apache v2		
Memory Manager Driver		GPL v2/MIT		
Memory Manager I/F		MIT		
NetworkDisplayDemo		Apache v2		
Oemlock		Apache v2		

OP-TEE (including TEE internal API)		BSD2		
OP-TEE Linux driver		GPL v2/MIT		
Overview		Apache v2		
patch files for i2c-tools		GPL v2		
QoS driver		GPL v2/MIT		
QoS I/F		MIT		
R8A7795 GX6650 Device Driver for Android		GPL v2/MIT		
R8A7796 GX6250 Device Driver for Android		GPL v2/MIT		
Settings file of usb fw		Apache v2		
si-tools		GPL v3		
SPI / HyperFlash driver		BSD2		
SS6.3-Public Driver for Linux		GPL v2/MIT		
Timer driver		BSD2		
U-Boot		GPL v2		
UVCS Driver for Android		GPL v2/MIT		
VSP Manager		GPL v2/MIT		
VSP Manager I/F		MIT		
VSPM I/F Driver		GPL v2/MIT		

Supplier: Apertis				
Name of OSS Component	**Version**	**License**	**Home Page**	**Copyrights**
Acl	2.2.53-4co1bv2019.0b1	LGPL-2.1+ Other licenses: FSF Public Domain X11 GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception		Copyright © 2011 Andreas Gruenbacher Copyright 1992-2018 Free Foundation, Inc. Copyright © 2018 Silicon Inc.
Apert isproarchi vekeyri ng	0.2rb1bv2020.0b1	GPL-2.0+		Copyright: 2012 RBEI Ltd.
Appa rmor	2.13.2-10co2bv2020preb3	GPL-2.0 Other licenses: LGPL-2.1 Public Domain X11 MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause		Copyright 1992-2018 Free Foundation, Inc. Copyright (c) Christian Bo Copyright (c) 2017 SUSE GmbH, Nuernberg, Germa Copyright (c) 2017 Rosett Contributors and Canonica Copyright (c) 2009 Dulma Sukhbaatar Copyright (c) Dominic Reynolds. Copyright (c) 2006 SUSE Products GmbH, Nuernbe Germany. Copyright (c) 2006 Novell, Rights Reserved. Copyright (c) 1999, 2000, 2002, 2003 2004, 2005, 2006, 2007 NOVEL rights reserved) Copyright (C) 2013 Kshitij Copyright (C) 2009 John [Copyright (C) 2009 Dulma Sukhbaatar Copyright (C) 2007 Andre Gruenbacher Copyright (C) 2006 Volker Copyright (C) 2006 SuSE Products GmbH, Nuernbe Copyright (C) 1994 X Con Copyright (C) 1992-1996, Free Software Foundation
Attr	2.4.48-4co1bv2019 .0b1	LGPL-2.1+ Other licenses: GPL-2.0+		Copyright (C) 2007 Andre Gruenbacher <a.gruenbacher@compute

		FSF Public Domain X11		Copyright 1992-2018 Free Foundation, Inc. Copyright (c) 2001-2003,2 Silicon Graphics, Inc. All F Reserved. Copyright (C) 2015 Dmitry Copyright (C) 2008 Petr P Copyright (C) 2007 Antoni Copyright (C) 2005 Guilhe Panaget Copyright (C) 20 Free Software Foundation Copyright (C) 2004, 2005 Bogusz Copyright (C) 2004 Luk Cl Copyright (C) 1994 X Con Copyright (C) 1995-1997, 2007, 2009-2010 by Ulrich
Audit	2.8.4- 3bv2020pre b2	GPL-2.0 only LGPL-2.1 only Other licenses: X11 Public Domain MIT GPL-2.0+-with- libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception FSFUL		Dual License - GPl v2 or la - 2 Clause audit/src/libev Copyright 2014,2016,2017 Inc., Durham, North Carol Copyright 2008 FUJITSU Copyright 2005-18 Steve (Copyright 1992-2017 Free Foundation, Inc. Copyright (©) 2011 Eman Giaquinta All rights reserv Copyright (©) 2009-2015 I Alexander Lehmann Copyright (c) 2015 Steve (sgrubb@redhat.com Copyright (c) 2011 IBM Co Rights Reserved. Copyrig 1994 X Consortium
base- files	10.3+deb10 u3co4~v202 0.0bv2020.0 b1	GPL-2.0+ Other licenses: MPL-2.0 LGPL-2.1+ LGPL-2.0+ GFDL-1.3 CC0-1.0 BSD-3-Clause Artistic-1.0-Perl Apache-2.0		Copyright (C) 2000, 2001, 2007, 2008 Free Software Foundation, Inc.

basepass wd	3.5.46co1bv 2019.0b1	GPL-2.0+ Other licenses: GPL-2.0		Copyright: Copyright 1999 Wichert Akkerman Copyright 2007 David Mar Copyright 2002, 2003, 200 2007 Colin Watson Copyright 2002, 2003, 200 Watson Copyright 2001, 2002 Joe HessCopyright (C) of this Chris Leick Copyright (C) Helge Kreut Copyright (C) 2010 Softwa Public Interest Copyright (C) 2010 Free S Foundation, Inc. Copyright (C) 2004 Nicola FRANCOIS
Core utils	6.9-0co11ba1	GPL-2.0+ Other licenses: Public Domain GPL V2 or later with autoconf exception GPL-2.0 BSD-3-Clause GFDL-1.2 ISC FSF X11 LGPL-2.1+ GPL V2 or later with bison exception GPL V2 or later with texinfo exception FSFUL		Copyright 1991-2004 Miqu Smoorenburg Copyright 1 2016 Free Software Foun Copyright (c) 1996-1999 b Software Consortium. Copyright (c) 1990, 1993, Regents of the University California. All rights reserv Copyright (C) 2004, 2006 Josefsson Copyright (C) 2 Pavel Roskin; Initially writt Tromey Completely rewrit Pavel Roskin Copyright (C) 1997, 1998, Colin Plumb. Copyright (C) 1995-1997, by Ulrich Drepper Copyright (C) 1994, 1995, 1998, 1999, 2000 H. Peter Anvin Copyright (C) 1994 X Con Copyright (C) 1984 David
dbus	1.12.20-0+deb10u1b v2020.0b3	GPL-2.0+ AFL-2.1 Other licenses: BSD-3-Clause		Copyright © 2014-2015 C Ltd. Copyright © 2013-2015 C Ltd.

		MIT GPL V3 or later with autoconf exception FSF		Copyright © 2013 Intel Co Copyright © 2011-2012 N Corporation Copyright 2004 Robert Sh Copyright 2004 Eric Poech Copyright 1992-2018 Free Foundation,
dash	0.5.10.2- 5co1bv2019 .0b1	GPL-2.0+ AFL-2.1 Other licenses: BSD-3-Clause MIT GPL V3 or later with autoconf exception FSF TCL LGPL-2.1+ AFL-2.0 Public Domain		Copyright © 2014-2015 C Ltd. Copyright © 2013-2015 C Ltd. Copyright © 2013 Intel Co Copyright © 2011-2012 N Corporation Copyright 2004 Robert Sh Copyright 2004 Eric Poech Copyright 1992-2018 Free Foundation, Inc. Copyright (c) 2017, 2018 Urban Copyright (c) 2015 Philip Copyright (c) 2015 Enrico Crisostomo Copyright (c) 2015 David Copyright (c) 2014 Mike F Copyright (c) 2013 Ralf Ha Copyright (c) 2011, Rapha da Costa Copyright (c) 2011 Rhys U Copyright (c) 2011 Maarte Bosmans Copyright (c) 2008 Laurer Copyright (c) 2008 John D Copyright (c) 2008 Guido Draheim Copyright (c) 2006-2007, Habacker Copyright (c) 2006, Tim B Copyright (c) 1994 Sun Microsystems, Inc. Copyri 1991-1993 The Regents c University of California. Copyright (C) 2009, Jonas Copyright (C) 2009 Klaralv Datakonsult AB, a KDAB Group company, info@kdab.net Copyright (

				2009, Benjamin Reed Copyright (C) 2008, Colin Copyright (C) 2007, Tann Lovelace Copyright (C) 2(Hat, Inc. Copyright (C) 2007 Ralf H Copyright (C) 2006-2020 l Software Foundation, Inc. Copyright (C) 2006 Peter Copyright (C) 2006 Christi Ehrlicher Copyright (C) 2(Code GmbH Copyright (C Novell, Inc. Copyright (C) 2004 Imend Copyright (C) 2003-2004 l E. Rosen. Copyright (C) 2003 CodeF Copyright (C) 1995, A.M. l Copyright (C) 1994 X Con
debia nutils	4.8.6.1co1b a1	GPL-2.0+ Other licenses: GPL V2 or later with autoconf exception Public Domain X11 BSD-4-Clause- UC FSFUL		Copyright © 1994-2017 Fr Software Foundation, Inc. Copyright © 1990, 1993 T Regents of the University California. Copyright 1996 by Jeff No Copyright © 1996,1997,19 Guy Maor © 1994 Ian Jac Copyright © 1996 Jeff Nox Copyright © 1992 Ronald Slight modifications by Ian Murdock Copyright © 1992 Ronald Copyleft (GNU) 1988 Landon Curt Noll &a Ronald S. Karr Copyright © 2010 Rosetta Contributors and Canonic; Copyright © Helge Kreutz 2011, 2012, 2017, 2018. Copyright © 2015 Andreas Henriksson Copyright © 2011 Aurelien Copyright © 2011 – 2012 in the Public Interest Copyright © 2009 Manoj S Copyright © 2002-2012 Cl

				Copyright © 2002, Matthe Copyright © 1994 X Conso
Diffut ils- gplv2	2:2.8.1- 18co3bb1	GPL-2.0+ Other licenses: LGPL-2.0+ NTP GPL V3 or later with autoconf exception GPL V2 or later with autoconf exception		Copyright I 1997-1998, 20 2009-2017 Free Software Foundation, Inc. Copyright I 1996,1999 by Software Consortium. Copyright I 1995-1997, 20 2009-2010 by Ulrich Drepper Copyright I 1994 X Conso Copyright I 1990-2005, 20 Acme, Inc.
dlt- daem on	2.18.x-i491rb1bv2020. 0b2	MPL-2.0 Other licenses: MIT		Copyright (C) 2015, Advar Driver Information Technology Copyright (C) 2016 BMW copyright Copyright © 201 Corporation. copyright Co 2015 ADIT. Copyright (c) 2011 Google Copyright 2010 Lennart P Copyright (C) 2018, Codet
e2fsp rogs	1.44.5- 1+deb10u3b v2020.0b1	GPL-2.0+ LGPL-2.0+ Other licenses: NTP BSD-3-Clause LGPL-2.1+ Public Domain ISC Apache-2.0 GPL V3 or later with autoconf exception FSF GPL V2 or later with texinfo exception GPL V2 or later with bison exception FSFUL		Copyright (C) 2004 Kay S Copyright (c) 2001 Daniel Copyright (C) 2001 Andre Gruenbacher Copyright (C) 1998 Andre Copyright (c) 1997, 1998, Kungliga Tekniska Högskolan Royal Institute Technology, Stockholm, Sweden Copyright (c) 1988 Regen University of California Copyright 1998-2000 Red Copyright 1987, 1988, 198 Copyright (c) 2001 Alcove Copyright (c) 1997 Klee D Copyright (c) 1997-2003 Y Dirson Copyright (c) 1995 Michael Nonweiler Copyrig 1985, 1986, 1988 Richard Stallman Copyright 1998 Carnegie University Copyright (C) 2004 Sam H

				Copyright (C) 1997 Kaz K Copyright (C) 1995 Gadi C Copyright 1997 Ben Gertz Copyright Oracle, 2014 Au Darrick J. Wong Copyright (C) Jakub Bogu Copyright (C) Gabor Keler Balázs Úr 2017, 2018 Copyright (C) 2014 Rober Copyright (c) 2014 Google Copyright (c) 2012, Intel Corporation. Copyright (C) 2011 Wham Copyright (C) 2009 Sun Microsystems, Inc. Copyright (C) 2009 NEC S Tohoku, Ltd. Copyright (c) 2008 John D Copyright (c) 2003-2005 S Graphics, Inc. Copyright (C) 2000 Steph Tweedie Copyright (c) 1994 Ulrich Copyright 1999 by David I (c) 1997 Yann Dirson
expat	2.2.6- 2+deb10u1b v2020preb2	MIT Other licenses: Public Domain GFDL-1.1 Apache-1.1		Copyright © 1998-2017 Th Source Software Center, C Cooper, and the Expat ma Copyright (c) 2017 Expat development team Copyr 2001-2017 Expat maintair copyright 2010, Patrick Sp Copyright (C) Sebastian F Copyright (C) 2017 José C de la Concha Copyright (C) 2016 - 2017 Holme Copyright (C) 2013- Laszl Boszormenyi (GCS) Copyright (C) 2008-2009 I Leidert (dale) Copyright (C) 2000-2007 A Rangelrooij Copyright (C) 1998-2000 A Carlo

findu tils-gplv2	1:4.2.31-4co7bv2019.0b1	GPL-2.0+ Other licenses: Public Domain X11 LGPL-2.1+ FSFUL GPL V2 or later with autoconf exception		Copyright 1996-2019 Free Foundation, Inc Copyright (C) 1995-1997, by Ulrich Drepper <drepper@gnu.a Copyright (C) 1994 X Con
Gcc8	8.3.0-6bv2019.0b1	GPL-3.0+-with-GCC-exception 3.1 Other licenses: BSD-3-Clause MIT LGPL-2.1+ GPL-2.0+ BSD-1-Clause FSFAP ISC BSL-1.0 Freeware License NCSA BSD-2-Clause BSD-4-Clause-UC LGPL-2.0+ Public Domain BSD-2-Clause-NetBSD Zlib GFDL-1.3 GPL-2.0 NTP CC-BY-SA-3.0 Unicode Curl License bzip2-1.0.6 IJG CC-BY-4.0 Sun RPC License LGPL V2.1+ with GCC exception GPL-3.0+ with gnu-javamail-		Dual license - GPL-2.0+ & 2.1+ gcc-8/gcc-8.3.0-dfsg. 8.3.0/libffi Copyright (C) 2008-2018 Software Foundation, Inc. Contribut Xinliang David Li Copyright (C) 2008-2018 Software Foundation, Inc. Contributed by Wolfgang (gellerich@de.ibm.com). Copyright (C) 2008-2018 Software Foundation, Inc. Contribut Thomas Koenig, based or unpack_generic.c by Paul Copyright (C) 2008-2018 Software Foundation, Inc. Contribut Thomas Koenig based on spread_generic.c written b Brook Copyright (C) 2008 Free Software Foundation, Inc. Contribut Thomas Koenig Copyright (C) 2008-2018 Software Foundation, Inc. Contribut Richard Henderson Copyright (C) 2008-2018 Software Foundation, Inc. Contributed by Richard He and Aldy Hernandez;. Copyright (C) 2008-2018 Software Foundation, Inc. Contribut Richard

| | | exception
GPL-2.0+ with
gnu-javamail-
exception
GPL V3 or later
with Tex
exception
GFDL V1.3
Advanced Micro
Devices License
The Inner Net
License | | Guenther
Copyright (C) 2008-2018
Software Foundation, Inc.
Contributed by Red Hat.
Copyright (C) 2008-2018
Software
Foundation, Inc. Contribut
Rafael Avila de Espindola
(espindola@google.com).
Copyright (C) 2008-2018
Software
Foundation, Inc. Contribut
Yuan (yingbo.com@gmail
Vinodha Ramasamy
(vinodha@google.com).
Copyright (C) 2008-2018
Software
Foundation, Inc. Contribut
Brook
Copyright (C) 2008-2018
Software
Foundation, Inc. Contribut
Michael Eager,
eager@eagercon.com
Copyright (C) 2008-2018
Software
Foundation, Inc. Contribut
Michael Eager
(eager@eagercon.com).
Copyright (C) 2008-2018
Software
Foundation, Inc. Contribut
Michael Eager
(eager@eagercon.com)
Copyright (C) 2008-2018
Software
Foundation, Inc. Contribut
Martin Jambor
Copyright (C) 2008-2018
Software Foundation, Inc.
Contributed by Joel Sherri
(joel@OARcorp.com).
Copyright (C) 2008-2018
Software
Foundation, Inc. Contribut
Janne Blomqvist
Copyright (C) 2008-2018
Software |

Foundation, Inc. Contribut
Sjodin and
Sebastian Pop
Copyright (C) 2008-2018 I
Software
Foundation, Inc. Contribut
Jakub Jelinek
Copyright (C) 2008-2018 I
Software Foundation, Inc.
Contributed by Embecosm
of Adapteva, Inc.
Copyright (C) 2008-2018 I
Software
Foundation, Inc. Contribut
Edmar
Wienskoski (edmar@frees
Copyright (C) 2008-2018 I
Software
Foundation, Inc. Contribut
Doug Kwan
(dougkwan@google.com)
by CodeSourcery, Inc.
Copyright (C) 2008-2018 I
Software
Foundation, Inc. Contribut
Doug Kwan
Copyright (C) 2008-2018 I
Software
Foundation, Inc. Contribut
Daniel Franke.
Copyright (C) 2008-2018 I
Software
Foundation Inc. Contribute
CodeSourcery.
Copyright (C) 2008-2018 I
Software
Foundation, Inc. Contribut
Anthony Green.
Copyright (C) 2008-2018 I
Software
Foundation, Inc. Contribut
Analog Devices
Copyright (C) 2008-2018 I
Software
Foundation, Inc. Based on
atomic.c
Copyright (C) 2011-2018 I
Software

Foundation, Inc. Contribut
Robert Millan.
Copyright (C) 2011-2018 I
Software
Foundation, Inc. Contribut
Richard
Henderson
Copyright (C) 2011-2018 I
Software
Foundation, Inc. Contribut
Richard
Guenther
Copyright (C) 2011-2018 I
Software Foundation, Inc.
Contributed by Red Hat. C
(C) 2011-2018 Free Softw
Foundation, Inc. Contribut
Hat, Inc. Copyright (C) 20
Free Software Foundation
by Peter Bergner
(bergner@vnet.ibm.com) (
(C) 2011-2018 Free Softw
Foundation, Inc. Contribut
Nicola Pero
Copyright (C) 2011-2018 I
Software
Foundation, Inc. Contribut
Kostya
Serebryany
Copyright (C) 2010-2018 I
Software
Foundation, Inc. Contribut
CodeSourcery,
LLC
Copyright (C) 2010-2018 I
Software
Foundation, Inc. Contribut
Christian
Borntraeger
(Christian.Borntraeger@d
Andreas
Krebbel
(Andreas.Krebbel@de.ibn
Copyright (C) 2010-2018 I
Software
Foundation, Inc. Contribut
Bernd Schmidt
Copyright (C) 2010-2018 I

				Software
				Foundation, Inc. Contribut
				Bernd Schmidt by CodeSo
				Copyright (C) 2010-2018
				Software
				Foundation, Inc. Contribut
				Anthony Green
				(green@moxielogic.com)
				Copyright (C) 2010-2018
				Software
				Foundation Inc. Contribute
				Andrew Jenner Contribute
				Bernd Schmidt Contribute
				CodeSourcery.
				Copyright (C) 2010-2012
				Software Foundation, Inc.
glib2. 0	2.58.3-2+deb10u2b v2020.0b2	LGPL-2.1+ Other licenses:		Dual License – AFL-2.0 or 2.1+ glib2.0/gio/xdgmime/

| | | BSD-3-Clause
LGPL-2.0+
MIT
Public Domain
GPL-2.0+
bzip2-1.0.6
GPL V2 or later
with autoconf
exception | | Copyright © 2018 Tomasz
Copyright © 2018 Endless
Inc. Copyright © 2016 Red
Copyright © 2015 Patrick
Copyright © 2015 Collabo
Copyright © 2015 Canonic
Copyright © 2014 NICE s.
Copyright © 2014 Canonic
Copyright © 2013 Lars Ue
Copyright © 2013 Canonic
Copyright © 2012,2013 Cc
Walters
Copyright © 2011 William
Copyright © 2011 Ryan Lc
Copyright © 2010 Codethi
Copyright © 2010 Christia
Copyright © 2009-10 Sam
Copyright © 2009 Free Sc
Foundation, Inc. Lauri 20C
Sami Pesonen 2004-2005
Tuohela 2005-2009. Timo
2008-2010
Harri Pitkänen 2009. Tom
Vainikainen 20092011.
Copyright 2017 Руслан И
Copyright 2016 Endless M
Copyright 2005 Matthias C
Copyright 2004 Tor Lillqvis
Copyright 2001 Hans Breu
Copyright 1999-2000 Tor
and Craig
Setera
Copyright 1998-2011 Tim
Hat, Inc. and others
Copyright 1998-2001 Seb
Wilhelmi;
University of Karlsruhe
Copyright 1995-2011 Pete
Spencer Kimball, Josh Ma
Sebastian Wilhelmi and ot
Copyright © 2018 Iñigo Ma
Copyright © 2015 Chun-w
Copyright © 2014 Patrick
Copyright © 2010 Christia
Copyright © 2010 Christia
Copyright © 2007 Sven Hc
Copyright © 2007 Sebasti |

				Copyright © 2007 Red Ha
				Copyright © 2007 Jürg Bil
				Copyright © 2007 John M
				Copyright © 2005 Imendic
				Copyright © 2003 Noah L
				Copyright © 2001 Dan Wi
				Copyright © 2001 Behdad
				Copyright © 2000-2003 Xi
				Copyright © 2000 Eazel, I
				Copyright © 1999, 2000 T Tromey
				Copyright © 1999, 2000 S
				Copyright © 1995, A.M. K
glibc	2.28-10co2bv2020.0b2	LGPL-2.1+ Other licenses: GPL-2.0+ LGPL V2.1+ with GCC exception BSD-3-Clause ISC LGPL-2.0+ MultipleLicense: ISC License		Copyright © 2015 Free Sc Foundation, Inc.
				Copyright 2001 by Stephe Moshier Copyright 2000 R Inc.
				Copyright 2000 Ben Collir (bcollins@debian.org)
				Copyright 1998, 1999 by J Klecker
				Copyright 1998 Marcus Brinkmann (brinkmd@deb
				Copyright 1996 by Craig M
				Copyright 1995-2000 Dav (david@ods.com)
				Copyright 1995 by Tom Lo
				Copyright 1995 Rickard E (faith@cs.unc.edu)
				Copyright (c) 2010, Oracle Inc.
				Copyright (c) 2004 by Inte Systems Consortium, Inc.
				Copyright (c) 2003 Peter V
				Copyright (c) 2002 Maxim
				Copyright (c) 2002 Doug F
				Copyright (c) 1999 Marcel Moolenaar Copyright (c) 1 University of Cambridge
				Copyright (c) 1996-1999 b Software Consortium.
				Copyright (c) 1995, 1999 I Software Design, Inc.
				Copyright (c) 1995 by Inte Business Machines, Inc.
				Copyright (c) 1995 The Re the University of Californi

				Copyright (c) 1993 by Digi Equipment Corporation. Copyright (c) 1993 Carlos and Rui Salgueiro Dep. Matem Universidade de Coimbra, Portugal, Europe Copyright (c) 1992 Carneg University Copyright (c) 1988,1990 S Microsystems, Inc. Copyright (C) Helge Kreut Copyright (C) 2007 THE g COPYRIGHT HOLDER Copyright (C) 2006 Max K Copyright (C) 1999 Thepp Karoonboonyanan, Natior Electronics and Compute Technology Center
Grepgplv2	1:2.5.1a-0co5bb1	GPL-2.0+ Other licenses: LGPL-2.0+ NTP GPL V2 or later with autoconf exception		Copyright 2000, 2001 Fr Software Foundation, Inc.
gstre amer 1.0		LGPL-2.0+ Other licenses: GPL-2.0+ GPL-2.0-with-autoconf-exception FSF LGPL-2.1+		Dual license – GPL-2.0+ & 2.1+ gstreamer1.0/po/rw.po Copyright © 2016 Free Sc Foundation, Inc. Clytie Siddall 2005-2010. Trần Ngọc Qu 2014, 2015, 2016, 2017. Copyright © 2014 Free Sc Foundation, Inc. Danilo Se 2005. Мирослав Николић 2017. Copyright 2009 Johan Dal Copyright 2007-2009 Nok Corporation Copyright 2007-2009 Colla Copyright © 2014 Sebasti Copyright © 2011 Daniel F Copyright © 2008 Steven Johnson Copyright © 2007 Guido L

				Copyright © 2018 Gstrea... developers Copyright © 2015 Tim-Phi... Copyright © 2014 Mathieu... Duponchelle Copyright © ... Samsung Electronics. Cop... 2014 David Waring, Britisl... Broadcasting Corporation... Copyright © 2012-2015 P... Copyright © 2012 Stefan ... Copyright © 2009 Wim Ta... Copyright © 2009 Igalia S... Copyright © 2009 Edward... Copyright © 2008 Ole And... Ravnås Copyright © 2005 Andy W... Copyright © 2003 Matthias... Copyright © 2003 Julien M... Copyright © 2003 David A... Copyright © <2013> ... TV Ltd. Copyright © <20... Thijs Vermeir Copyright © <2004> ... Vander Stichele
gzipgplv2	1:1.3.12-9co4bv2019.0b1	GPL-2.0 Other licenses: Public Domain X11 FSFUL GPL V2 or later with autoconf exception GPL V2 or later with texinfo exception FSFAP		Copyright (C) 2006, 2007 ... Software Foundation, Inc. ... Copyright (C) 1994 X Con... Copyright (C) 1993 Carste... Copyright (C) 1992-1993 J... Gailly.
init-syste m-helpe rs	1.56+nmu1 ba1	BSD-3-Clause Other licenses: GPL-2.0+ GPL-2.0		Copyright: 2001 Henrique... Moraes Holschuh Copyright © 2013 Michael... Stapelberg Copyright © 2008 Canonic... August 2008 – Dustin Kirkland Copyright © 2006 Red Ha... Copyright: 1997-2005 Miq... Smoorenburg

| iptabl es | 1.8.2-4bv2019.0b1 | GPL-2.0+ Other licenses: GPL-2.0 Artistic-2.0 GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception ISC FSFUL X11 Public Domain LGPL-2.0+ Artistic-1.0-Perl GPL-2.0 WITH Linux-syscall-note GNU Libtool GPL v2 or later with exception | | Copyright: 2014 Giuseppe License: GPL2+ Copyright: 2013, Patrick M Copyright: 2013, Google, License: GPL-2 Copyright: 2012, Hans Sc 2012, Pablo Neira Ayuso License: GPL Copyright: 2012 Pablo Ne License: GPL2+ Copyright: 2011, Patrick M License: GPL-2 Copyright Jan Engelhardt License: C Copyright: 2008, Adam Ni License: GPL-2 Copyright: 2008 Peter Wa License: GPL-2 Copyright: 2007, BalaBit I License: GPL-2 Copyright: 2006-2013, Pat McHardy License: GPL-2 Copyright: 2006, Ufo Mech License: GPL-2 Copyright USAGI/WIDE Project Lice GPL-2 Copyright: 2003+, Evgeniy License: GPL2 Copyright: 2003 Tom Mars License: GPL-2 Copyright: 2000-2002, Joa Axelsson Patrick Schaaf Martin Josefsson 2 Jozsef Kadlecsik License: GPL-2 Copyright: 2000-2002, Ha License: GPL-2 Copyright: 2000, Marc Bou License: GPL-2 Copyright © Jan Engelhar Copyright © CC Computer Consultants GmbH, Copyright (c) 2011 Patrick Copyright (c) 2003+ Evgen Polyakov Copyright (c) 2000-2001 N Core Team. |

				Copyright (c) 2000 Marc B Copyright (C)2006 USAGI Project Copyright (C) 1990 Free Software Foundation Copyright (C) 1994 X Con (C) 2000 Jozsef Kadlecsik (C) 2000 James Morris, th GPL.
kmod	26- 1bv2019.0b 1	LGPL-2.1+ Other licenses: LGPL-2.1 GPL-2.0+		Copyright 2010 Ran Benit Copyright 2010 Lennart P Copyright (C) 2016 Intel Corporation. Copyright (C Tom Gundersen Copyright (C) 2013 Micha SUSE Copyright (C) 2013 Intel Corporation. Copyright (C) 2012 W. Trevor King Copyright (C) 2012 Red H Trevor King Copyright (C) 2012 Lucas Copyright (C) 2011-2013 ProFUSION embedded sy Copyright (C) 2008 Alan J Copyright (C) 2004-2012 I Sievers
libcap 2	1:2.25- 2bv2019.0b 1	Dual License - BSD - 3 Clause or GPL v2		Dual License - BSD - 3 Cl GPL v2 Copyright (c) 1997-8 Andr Morgan morgan@kernel.org Copyright (C) 2010 Serge serue@us.ibm.com Copyright (c) 1998 Finn A Gangstad Copyright (C) 1997 Aleph Copyright (C) 1989, 1991 Software Foundation, Inc. Copyright: 2014, Daniel B <mail@daniel- baumann.ch> 2014-2018, Kastner ckk@debian.org Copyright: 2011, Andrew S <strawman@astraw.com> Li <lizhi1215@gmail.com> 2 Christian

				Kastner <ckk@debian.org Helmut Grohne <helmut@subdivi.de>
libcap -ng	0.7.9- 2bv2019.0b 1	LGPL-2.1+ Other licenses: GPL-2.0+ GPL V2 or later with autoconf exception Public Domain GPL V3 or later with autoconf exception X11 MIT LGPL-2.0+ GNU Libtool GPL v2 or later with exception FSFUL		Copyright (C) 1994-2017 I Software Foundation, Inc. Copyright 2009 Red Hat In Durham, North Carolina. Copyright (c) 2009 Steve C Copyright (C) 2009 Pierre Copyright (C) 1994 X Con
libffi	3.2.1-9ba1	MIT Other licenses: GPL V2 or later with autoconf exception Public Domain GPL-2.0+ GPL V3 or later with autoconf exception GNU Libtool GPL v2 or later with exception X11 LGPL-2.1+ GPL V3 or later with Tex exception FSFUL		Dual license - GPL-2.0+ & 2.1+ libffi/msvcc.sh Copyright @copyright{} 20 2011 Red Hat, Inc. Copyright 1992-2013 Free Foundation, Inc. Copyright (c) 2014 Sebast Copyright (c) 2014 Anthon Copyright (c) 2013 The W Inc. Copyright (c) 2013 Tensili Target configuration macr XTENSA. Copyright (c) 2013 Synops (www.synopsys.com) Copyright (c) 2013 Miodra Copyright (c) 2013 Mentor Copyright (c) 2012, 2013 J Copyright (c) 2012 Tilera C Copyright (c) 2012 Thorste Copyright (c) 2012 Alexan Copyright (c) 2012 Alan H Copyright (c) 2011 Timoth Copyright (c) 2011 Plausib

				Cooperative, Inc. Copyright (c) 2011 Maarte Bosmans Copyright (c) 2010 Rhys U Copyright (c) 2010 CodeS Copyright (c) 2009, 2010, 2012 ARM Ltd. Copyright (c) 2009 Guido Draheim Copyright (c) 2009 Daniel Copyright (c) 2009 Bradley Copyright (c) 2008 Steven Johnson Copyright (c) 2008 Guido Draheim Copyright (c) 2008 David Copyright (c) 2008 Björn K Copyright (c) 2005 Axi Communications AB Copy 2004 Renesas Technolog Copyright (c) 2003, 2004, 2008 Kaz Kojima Copyright (c) 2003 Jakub Copyright (c) 2002, 2007 Thorsen (c) 2003-2004 Randolph (C) 2008, 2011 Matthias K Copyright (C) 1994 X Con Copyright (C) 2009 the Ini Developer. Copyright (C) 2011, 2012, Anthony Green Copyright (C) 2011 Kyle M Copyright (C) 2013 IBM Copyright (c) 1998, 2012 Schwab Copyright (c) 2002 Roger Copyright (c) 2002 Ranjit
libgcr ypt20	1.8.4-5co1bv2019.0b1	LGPL-2.1+ Other licenses: FSF GPL-2.0+ GPL V2 or later with autoconf exception X11 BSD-3-Clause Public Domain		Dual License - BSD - 3 Cl GPL v2 libgcrypt20/random/jitterer base.c Copyright (C) 2004, 2005, 2009 Free Software Foun Written by Scott James R 2004. copyright Peter Gutmann

| | | LGPL-2.0+ LGPL-2.1 ISC GPL V3 or later with autoconf exception GPL V3 or later with Tex exception GNU Libtool GPL v2 or later with exception | | various others) 1996, 199? 1999. Copyright 2013 g10 Code Copyright Stephan Muelle 2017 Copyright 2012 Simon Jos and Niels Möller Copyright 2012, Samuel N Copyright 1998 Owen Tay modified for libgcrypt and Ivo Timmermans, 2001. C 1997, 1998, 1999, 2001 W Koch Copyright (C) 2017 Jussi Copyright (C) 2017 Bunde Sicherheit in der Informati Copyright (C) 2016 Jussi Copyright (C) 2013-2014 Eremin- Solenikov Copyright (C) 2013 Christi Grothoff Copyright (C) 2003 Nikos Mavroyanopoulos Copyright (C) 1998 The In Society Copyright (C) 1997 Werne Copyright (C) 1994 X Con |
| libgp gerror | 1.35-1bv2019.0b1 | LGPL-2.1+ Other licenses: FSF GPL v2 or later with mkerrcodes.awk exception GPL V2 or later with autoconf exception Public Domain GPL-2.0+ GPL V3 or later with autoconf exception LGPL-2.1 BSD-3-Clause X11 LGPL-2.0+ GPL V3 or later | | Copyright (C) 1994-2014 Software Foundation, Inc. Copyright (C) 2018 g10 C Copyright (C) 2014 Jedi Li Copyright (c) 2010 Reube Copyright (C) 2004 Simon Copyright (c) 1999 Richar Henderson Copyright (C) 1998-2006, Werner Koch Copyright (C) 1994 X Con |

		with Tex exception GNU Libtool GPL v2 or later with exception		
libsec comp	2.3.3-4bv2019.0b1	LGPL-2.1 Other licenses: Public Domain X11 GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception		Copyright 2015 IBM Autho Willeke Copyright 1992-2 Software Foundation, Inc. Copyright (c) 2017 Red Ha Paul Moore Copyright (c) 2015 Freeso Copyright (c) 2014 Imagin Technologies Ltd. Author: Markos Chandras Copyright (C) 1994 X Con
libseli nux	2.8-1ba1	GPL-2.0 Other licenses: Public Domain		Copyright (C) 2004 Red H James Morris <jmorris@redhat.com>
lz4	1.8.3-1bv2019.0b1	BSD-2-Clause GPL-2.0+		Copyright (C) Yann Collet present Copyright (C) 198 Free Software Foundation Copyright (C) 2016-preser Przemyslaw Skibinski, Yann Collet Copyright (c) 2015, Louis Santillan Copyright (c) 2014, lpsant
ncurs es	6.1+201810 13-2+deb10u1b v2019.0b1	X11 BSD-3-Clause Other licenses: MIT - Modern Public Domain FSFUL BSD-4-Clause-UC GPL V3 or later with autoconf exception		Copyright (c) 1998-2017,2 Software Foundation, Inc. copyright 1997 by Joey He Copyright (c) 1989 BULL S Copyright (C) 1994 X Con Copyright (c) 1992, 1993 Regents of the University California. Copyright: 2003-2017,201 Thomas E. Dickey Copyright © 2001 by Prad Padala
open ssl	1.1.1d+from debian-0+deb10u3b v2020.0b3	OpenSSL Other licenses: Cryptogams Public Domain GPL-2.0+ BSD-2-Clause Apache-2.0		Dual License - OpenSSL Clause openssl/crypto/x509v3/v3_ openssl/crypto/x509v3/v3 Dual License - OpenSSL Cryptogams openssl/crypt openssl/crypto/bn/asm

		LGPL-2.1+ GPL-2.0		openssl/crypto/chacha/asr openssl/crypto/ec/asm openssl/crypto/md5/asm/r sparcv9.pl openssl/crypto/modes/asn openssl/crypto/poly1305/a openssl/crypto/rc4/asm/***** openssl/crypto/sha/asm openssl/engines/asm Dual License - OpenSSL ‹ Clause openssl/crypto/aes/asm/a‹ sparcv9.pl openssl/crypto/ openssl/crypto/LPdir_unix

Copyright 2018-2019 The Project Authors. All Rights Reserved.
Copyright 2017 Ribose In‹
Copyright 2017 BaishanC
Copyright 2016 VMS Softw
Copyright 2016 Cryptogra
Research, Inc. Copyright ‹
Jason Dominus Copyright
J. Dominus. Copyright 201
Neves Copyright 2011 Go
Copyright 2006 NTT (Nipp
Telegraph and Telephone
Corporation) .
Copyright 2005 Nokia. All
reserved.
Copyright 2004-2014, Aka
Technologies.
Copyright 1994,1995 by Ia
Jackson. Copyright (c) 201
and/or its affiliates. All righ
reserved.
Copyright (c) 2017 Nation
Research Institute. All righ
reserved. ***/**
Copyright (c) 2016 Viktor I
All rights reserved.
Copyright (c) 2015, Cloud
Copyright (c) 2013-2014 T
Copyright (c) 2012-2016 J
Philippe Aumasson
Copyright (c) 2012-2014 D
Bernstein

				Copyright (c) 2012, Intel Corporation. Copyright (c) 2008 Andy Polyakov Copyright (c) 2007 KISA (Information Security Agen Copyright (c) 2004, Richar All rights reserved. Copyright (c) 2004, EdelK Copyright (c) 2004 Kunglig Tekniska Högskolan Roya of Technology, Stockholm Copyright (C) 2003 Christc Copyright (C) 1995-1998 I (eay@cryptsoft.com).
pam	1.3.1-5co1bb1	BSD-3-Clause Other licenses: LGPL-2.0+ MIT ISC X11 Beerware License GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL v3 or later with Bison exception GPL V3 or later with autoconf exception		Copyright (C) 2004, 2005, 2008 Free Software Found Written by Gary V. Vaughan, 2004 Copyright © 2007, 2008 R Inc. All rights reserved. Re author: Miloslav Trmač Cc 2004 Scott James Remna Copyright Jan Rêkorajski, Copyright Alexander O. Yu 1996. All rights reserved. Copyright 1999 by Theodc Copyright 1999 by Ben Cc Copyright 1994, 1995, 199 Kirch, Copyright 1995 by Venema. Copyright 1989 - 1994, Ju Frances Haugh All rights r Copyright (c) Philip W. Da 1997. Copyright (c) Cristia 1996-1997, Copyright (c) Morgan 1996-8. Copyrigh O. Yuriev, 1996. Copyright (c) 2009 Thorst Copyright (c) 2005 Darren
pcre3	2:8.39-12co1bv2019.0b1	BSD-3-Clause Other licenses: GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception		Copyright(c) 2009-2016 Z Herczeg All rights reserve Copyright © 2012-2015 D. Nicholson Copyright © 2004 Scott Ja Remnant Copyright 2013-2013 Tiler Corporation(jiwang@tilera

		BSD-2-Clause X11 Public Domain GPL-2.0+-with- libtool-exception		rights reserved. Copyright 2009-2012 Zolta Herczeg Copyright 2003 and onwa Inc. Author: Sanjay Ghem Copyright 1992-2015 Free Foundation, Inc Copyright (c) 2011 Daniel G. Copyright (c) 2008 Steven Johnson Copyright (c) 2007-2012, (Inc. All rights reserved. Copyright (c) 2001, Alexan Tokarev All rights reserved Copyright (c) 1997-2016 U of Cambridge Copyright (C) 1994 X Con
sedgplv2	4.1.2- 8co5bv2019 .0b2	GPL-2.0+ Other licenses: LGPL-2.0+ LGPL-2.1+ X11 Public Domain GFDL-1.1 GPL V2 or later with autoconf exception GPL V2 or later with texinfo exception GPL V2 or later with bison exception FSFUL		Copyright (C) 1999, 2000, 2002, 2003, 2004 Free Sc Foundation, Inc. Copyright (C) 1995-1997, 2001 by Ulrich Drepper Copyright (C) 1994 X Con
syste md	2417~deb10u4c o1bv2020.0 b1	LGPL-2.1+ GPL-2.0+ MIT Other licenses: Public Domain GPL-2.0 CC0-1.0 The Unlicense LGPL-2.0+ GPL-2.0 WITH Linux-syscall- note		Dual License - GPL-2.0 W syscall-note & MIT systemd/src/shared/wiregu netlink.h Dual License - B clause & GPL-2.0 systemd/hwdb/pci.ids © 2015 Canonical Ltd. Au Martin Pitt Copyright © SUSE Linux I GmbH, 2006

Copyright © IBM Corp. 20
Copyright © 2018 Neal Go
Copyright © 2018 Dell Inc
Copyright © 2017 Max Re
Copyright © 2017 Intel Co
Copyright © 2017 Felipe S
Copyright © 2016 Zeal Ja
Copyright © 2016 Michal S
Copyright © 2016 Michael
Copyright © 2016 Gabor K
Copyright © 2016 Djalal H
Copyright © 2016 Canonic
Copyright © 2016 BISDN
Copyright © 2016 Alexand
Copyright © 2015-2017 Ja
Donenfeld Copyright © 20
Free Software Foundation
Copyright © 2015 Werner
Copyright © 2015 Rafael I
(translation)
Copyright © 2015 Jeff Hua
Copyright © 2015 Boyuan
Copyright © 2014 Vinay K
Copyright © 2014 Michael
Copyright © 2014 Intel Co
Copyright © 2014 Holger I
Freyther
Copyright © 2014 Carlos (
Copyright © 2014 Axis
Communications AB. Cop
2013-2017 Sergey Ptashn
Copyright © 2013-2016 Sy
Plantefève
Copyright © 2013 Simon F
Copyright © 2013 Jan Jan
Copyright © 2013 Holger I
Freyther
Copyright © 2013 Daniele
Copyright © 2012 Roberto
Politecnico di
Torino, Italy TORSEC gro
http://security.polito.it
Copyright © 2012 Holger I
Freyther Copyright © 2012
Poettering Contact: fsprg@
infinity.org
Copyright © 2011 ProFUS
embedded systems

				Copyright © 2011 Karel Za...
				Copyright © 2010 Ran Be...
				Copyright © 2010 ProFUS... embedded systems
				Copyright © 2010 Maarten Lankhorst
				Copyright © 2010 - Maxim...
				Copyright © 2009-2010 Da... Zeuthen Copyright © 200... James Remnant Copyrigh... Canonical Ltd.
				Copyright © 2009 Alan Je...
				Copyright © 2008 Red Ha...
				Copyright © 2008 Ian Ken...
				Copyright (c) 2012 Josh T...
				Copyright (c) 2011-2014 P... http://plumgrid.com
				Copyright (c) 2009 Filippo...
				Copyright (c) 2005 SUSE... Products GmbH, Germany Author: Hannes...
				Copyright (C) IBM Corp. 2...
				Copyright (C) 2015-2017 J... Donenfeld Copyright (C) ... 2009 Red Hat, Inc.
				Copyright (C) 2001 - 2003... Software (UK) Limited.
sysvi nit	2.93-8bv2019.0b1	GPL-2.0+ Other licenses: GPL-2.0		Copyright on this file 1998... Duvall. Copyright (c) 2011... LINUX Products GmbH, A... reserved. Copyright (c) 2006 Red Ha... rights reserved. Copyright (C) 2018 Jesse... Copyright (C) 2005 Mique... Smoorenburg.
targplv2	1.17-0co9ba1	GPL-2.0+ Other licenses: Public Domain GPL-1.0+ X11 LGPL-2.1+ GPL V2 or later with bison exception GPL-2.0-with-autoconf-exception		Copyright © 2004 Free Sc... Foundation, Inc. Copyright (C) 1994 X Con... Copyright (C) 1983 Regen... University of California. (C) Copyright 2013 Bdale...

		GPL V2 or later with texinfo exception GPL V2 or later with autoconf exception		
utillinux	2.33.1-0.1co1bv2020.0b1	GPL-2.0+ Other licenses: BSD-4-Clause-UC Public Domain MIT LGPL-2.1+ FSF BSD-3-Clause GPL-2.0 LGPL-2.0+ GPL-1.0+ ISC X11 GPL v3 or later with Bison exception GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception FSFUL		Copyright © Michael Piefe 2004, 2005, 2007, 2008. Copyright © Karel Zak cop claimed. This code is in th Domain; do with it what yo Copyright © 2015 Free Sc Foundation, Inc Copyright © 2014 Benjam Mario Blättermann;, 2014, 2015. Thomas 2014, 2015, 2017 Copyright © 2012-2015 Da Nicholson Copyright © 2012 Arun Pe Copyright © 2011,2015,20 Thomas Copyright © 200 James Remnant Copyrigl Nilgün Belma Bugüner. Co 2002-2018 Lauri Nurmi Co 2001, 2002 Karl Eichwalde Copyright © 2000−2001 G Ritter. Copyright © 1994−2002 K Martin Copyright Red Hat Softwa 2000 Copyright IBM Corp. 2016 Copyright 2017 Sami Kerc Copyright 2014 Ondrej Op Copyright 2012 Vivek Goy Copyright 2012 Davidlohr Copyright 2010 Lennart P Copyright 2010 Jason Bor Copyright 2009 Tim Gardr Copyright 2009 Marcel Ho Copyright 2009 Johannes Copyright 2008 Tilman Sc Copyright 2000 Colin Wat (cjw44@cam.ac.uk) Copyright 2000 Andreas D Copyright 1993 Rickard E Copyright 1993, 1994, 199

				Theodore Ts'o. Copyright 1990 Gordon Irl Copyright (c) 2016 Werne Copyright (c) 2016 SUSE GmbH, Copyright (c) 2014 Timofe Copyright (c) 2008 Roy Pe Copyright (c) 2004-2006 b Holzt, kju -at- fqdn.org Copyright (c) 2003-2005 S Graphics, Inc. Copyright (c) 2000-2001 C Ritter Copyright (c) 1996-2004 A Brouwer Copyright (c) 1992 Rik Fa Copyright (c) 1988 Mark N Copyright (C) 2014 Ondre Copyright (C) Michal Lusc Copyright (C) Andries Bro Copyright (C) 2018 Vaclav Copyright (c) 1991, 1993 The Regents c University of California Copyright (C) 2012 Davidl Copyright (C) 2005 Kay S Copyright (C) 2005 Jens A Copyright (C) 1998-2003 l Smoorenburg Copyright (C) 1994-2005 J Tranter Copyright (C) 1994 X Con
xzutils	5.2.4- 1bv2019.0b 1	Public Domain Other licenses: GPL-2.0+ LGPL-2.1+ GPL-2.0+-with- libtool-exception FSFUL GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception MIT		Copyright: © 2014, Google Copyright: © 2008, Steven Johnson Copyright: © 2003 Free Sc Foundation, Inc. Authors: Bruno Haible Copyright: © 1997-2007 b van Heesch Copyright: © 1993, Jean-lc Copyright: 2010, Marek Č 2010, Andre Noll 2011, Adrien Nader Copyright: 2009-2010, Las Copyright: 2010, Daniel M

				Cabrita Copyright: 2009, Andrew 2009, Lasse Collin Copyright: 2009, 2010, Gr traduzione italiano di Ubur Lorenzo De Liso 2009, 20 Milo Casagrande 2011, Ja Bogusz Copyright (C) Michael D. Copyright (C) 2006 Timo Copyright (C) 2005 Philipp Copyright (C) 2004-2017 Authors Copyright (C) 199 2001 Henry Spencer. Copyright (C) 1994 X Con Copyright (C) 1993 Jean-l
yajl	2.1.0-3ba1	ISC		Copyright (c) 2007-2014, Hilaiel Copyright (c) 2010-2011 F Forster Copyright: 2011 John Star

Supplier: CGI				
Name of OSS Component	Vers ion	License	Home Page	Copyri ghts
ANGLE		BSD 3-Clause License		
Autodesk® FBX® SDK		Autodesk® FBX® SDK 2014 License Agreement		
AvalonDock		BSD 3-Clause License		
AvalonEdit		LGPLv2.1		
Bitstream Vera Fonts		Bitstream Vera Fonts Copyright		
BMFont		BMFont License		
DevIL Image Library		LGPLv2.1		
DotNetZip Library		Microsoft Public License (Ms-PL)		
Extended WPF Toolkit		Microsoft Public License (Ms-PL)		
EPPlus Library		LGPLv2.1		
Free Type Engine		Freetype Project License		
GLEW Library		MIT License		
Google Test		BSD 3-Clause License		
GraphSharp		Apache 2.0 License		
HarfBuzz Text Shaping Engine / UCDN - Unicode Database and Normalization		HarfBuzz / UCDN License		
ICU		ICU License		
json-cpp JSON reader and writer in C++		Json-cpp License		
Libktx		Libktx License		
Libunibreak Library		Libunibreak License		
Log4Net		Apache 2.0 License		
Median Cut algorithm (C Plus Plus)		Creative Commons CC0 1.0 Universal		
Microsoft Unity Container		Microsoft Public License (Ms-PL)		
NCalc		MIT License.		
NEUQUANT Neural-Net quantization algorithm		NEUQUANT Neural-Net quantization algorithm license		
OpenGL ES		OpenGL Licensing Programs		
Prism (Composite Application Guidance for WPF and Silverlight)		Microsoft Public License (Ms-PL)		
RLAD Compression		RLAD Compression license		
SharpSvn (Subversion Client API for .Net)		Apache 2.0 License		
Unicode.org Bidi Reference Implementation		Unicode Inc. License Agreement		
WPF PropertyGrid Control		Apache 2.0 License		
Xerces-C++ XML Parser		Apache 2.0 License		
ZLIB Data Compression Library		ZLIB Data Compression Library License Agreement		

Supplier: Escrypt				
Name of OSS Component	Version	License	Home Page	Copyrights
The ASN.1 Compiler	asn1c-0.9.21 asn1c-0.9.26	BSD (Two Clause License)		Copyright © 2003-2016 Lev Walkin <vlm@lionet.info> and contributors, Copyright © 2003, 2004 X/IO Labs, xiolabs.com
Base64_encode_decode_Stack overflow	2/16/2015	Creativecommons Attribution ShareAlike 3.0		© 2015 stack exchange inc
libcurl	7.22	Curl License		Copyright (c) 1996 - 2016, Daniel Stenberg, daniel@haxx.se.
libdbus	1.4.18	Academic Free License v2.1		Copyright (C) 2003-2004 Lawrence E. Rosen Copyright (C) 1989, 1991 Free Software Foundation, Inc.

Supplier: LG Innotek				
Name of OSS Component	Version	License	Home Page	Copyrights
abi	Android4.4	BSD-3-Clause	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project All rights reserved.
adb	1.0.31	BSD-3-Clause AND Apache-2.0	http://developer.android.com/index.html	Copyright (c) 1988 Regents of the University of California. * All rights reserved. Copyright (c) 2006-2009, 2012 The Android Open Source Project Copyright 2006, Brian Swetland <swetland@frotz.net>
android-clat	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2010-2012 Daniel Drown
applypatch	Android4.4	BSD-2-Clause AND Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009 The Android Open Source Project
aprd	Android4.4	GPL-2.0-only	http://developer.android.com/index.html	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.
atrace	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
audioflinger	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2009,2012 The Android Open Source Project
autotest	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012,2014 The

				Android Open Source Project
bluedroid	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 1999-2012 Broadcom Corporation
bmgr	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2009, The Android Open Source Project
bugreport	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009 The Android Open Source Project
busybox	1.17.1	GPL-2.0-only	http://developer.android.com/index.html	Copyright (C) 1998-2009 Erik Andersen, Rob Landley, Denys Vlasenko and others
common_time	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2011-2012 The Android Open Source Project
compress_simu	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
connectivitymanager	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2013, The Android Open Source Project
custom_mmi	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2016 The Android Open Source Project Copyright (C) 2016 SpreadTrum Inc.
debuggerd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005-2008, 2011-2012 The Android Open Source Project
dhcp6	Android4.4	BSD-3-Clause AND ISC AND BSD-4-Clause-UC AND Apache-2.0	http://developer.android.com/index.html	Copyright (C) 1998-2004 WIDE Project. All rights reserved.
dhcpcd	5.5.6	BSD-2-Clause AND BSD-3-Clause AND ISC AND Apache-2.0	http://developer.android.com/index.html	Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 2006-2008 Roy Marples <roy@marples.name> All rights reserved Copyright 2006-2012

				Roy Marples <roy@marples.name> All rights reserved Copyright (c) 2004,2007 by Internet Systems Consortium, Inc. ("ISC") Copyright (c) 1996-2003 by Internet Software Consortium Copyright 2011, The Android Open Source Project
dnsmasq	2.51	GPL-2.0-or-later	http://developer.android.com/index.html	Copyright (C) 2000-2009 Simon Kelley
drmserver	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2010 The Android Open Source Project
dumpdata	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008 The Android Open Source Project
dumpstate	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008,2013 The Android Open Source Project
dumpsys	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005-2008 The Android Open Source Project
e2fsprogs	1.41.14	GPL-2.0-or-later AND LGPL-2.0-or-later AND BSD-3-Clause AND MIT	http://developer.android.com/index.html	Copyright 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o. This file may be redistributed under the GNU Public License v2 Copyright (C) 1989,90,91,92,93,94,96,97 Free Software Foundation, Inc.This file is part of the GNU C Library.

				Copyright 1990, 1991, 1992 Free Software Foundation, Inc. Written May 1989 by Mike Haertel. Copyright (C) 1985-2005 by the Massachusetts Institute of Technology. All rights reserved. Copyright (C) 1996-1999,2003,2007 Theodore Ts'o. Copyright 1999 Andreas Dilger (adilger@enel.ucalgary.ca) Copyright (c) 1988 Regents of the University of California. All rights reserved. Copyright (c) 1997, 1998, 2001 Kungliga Tekniska Högskolan (Royal Institute of Technology, Stockholm, Sweden). All rights reserved. Copyright 1986, 1987, 1988,2003 by MIT Information Systems and the MIT Student Information Processing Board..
expat	2.1	MIT	http://developer.android.com/index.html	Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.

factorytest	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2006,2007,2014 The Android Open Source Project Copyright (C) 2014 The CyanogenMod Project
filterfw	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
filterpacks	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
framework-base-data	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008 The Android Open Source Project copyright © 2007, Google Corporation.RegularAscender - Droid SansVersion 1.00 copyright Google 2013 Google:Roboto: 2013Roboto RegularVersion 1.200310
framework-native-data	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2006-2013 The Android Open Source Project
freetype	2.4.2	FTL AND MIT	http://developer.android.com/index.html	Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg Copyright (C) 2000, 2001, 2002 by Francesco Zappa Nardelli
gcc-demangle	4.6	GPL-2.0-or-later AND LGPL-2.0-or-later	http://developer.android.com/index.html	Copyright 1992, 1993, 1994, 1995, 1996, 1997, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010 ↑ Free Software Foundation, Inc. Copyright ↑ (C)

				2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Free Software Foundation, Inc. Written by Ian Lance Taylor <ian@wasabisystem s.com>.
ge2_libgps	GPS_GLO GE2_W17.4 0.5	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2010 The Android Open Source Project
harfbuzz_ng	0.9.14	MIT	http://developer.an droid.com/index.ht ml	Copyright © 2008,2010 Nokia Corporation and/or its subsidiary(-ies) Copyright © 2009 Keith Stribley Copyright © 2009 Martin Hosken and SIL International Copyright © 2007 Chris Wilson Copyright © 2006 Behdad Esfahbod Copyright © 2005 David Turner Copyright © 2004,2007,2008,200 9,2010 Red Hat, Inc. Copyright © 1998-2004 David Turner and Werner Lemberg Copyright (C) 2012 Grigori Goronzy <greg@kinoho.net>" Copyright © 2010,2011,2012 Google, Inc. Copyright © 2012 Mozilla Foundation Copyright © 2011 Codethink Limited Copyright © 2008,2010 Nokia Corporation and/or its subsidiary(-ies) Copyright © 2009 Keith Stribley

				Copyright Â© 2009 Martin Hosken and SIL International Copyright Â© 2007 Chris Wilson Copyright Â© 2006 Behdad Esfahbod Copyright Â© 2005 David Turner Copyright Â© 2004,2007,2008,2009,2010 Red Hat, Inc. Copyright Â© 1998-2004 David Turner and Werner Lemberg Copyright (C) 2012 Grigori Goronzy <greg@kinoho.net>
healthd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2013 The Android Open Source Project
icu4c	49.1.1	ICU	http://developer.android.com/index.html	Copyright (c) 1995-2012 International Business Machines Corporation and others All rights reserved.
ime	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007, The Android Open Source Project
input	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007, The Android Open Source Project
iosnoop.sh	Android4.4	GPL-2.0-or-later	http://developer.android.com/index.html	COPYRIGHT: Copyright (c) 2014 Brendan Gregg.
iotat	Android4.4	Apache-2.0 AND GPL-2.0-only	http://developer.android.com/index.html	Copyright 2006,2007 The Android Open Source Project Copyright (C) 2012 Spreadtrum Communications Inc.
iproute2	ss120521	GPL-2.0-or-later	http://developer.android.com/index.html	Alexey Kuznetsov, <kuznet@ms2.inr.ac.ru> Copyright (C)2004,2006-2007 USAGI/WIDE Project

ipsec-tools (racoon)	0.7.3	BSD-3-Clause	http://developer.android.com/index.html	Copyright (C) 1995-2003 WIDE Project. Copyright (C) 2004-2006 Emmanuel Dreyfus All rights reserved. Copyright (C) 2004 SuSE Linux AG, Nuernberg, Germany. Contributed by: Michal Ludvig <mludvig@suse.cz>, SUSE Labs All rights reserved. Copyright 2000 Wasabi Systems, Inc. All rights reserved. Copyright (C) 2005 International Business Machines Corporation Copyright (c) 2005 by Trusted Computer Solutions, Inc. All rights reserved. Copyright 2000 Aaron D. Gifford. All rights reserved.
iptables	1.4.20	GPL-2.0-or-later AND Artistic-2.0	http://developer.android.com/index.html	(C) 1999-2006 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 Â© Jan Engelhardt, 2011

iputils	s20121221	GPL-2.0-or-later AND BSD-4-Clause-UC	http://developer.android.com/index.html	opyright (c) 1989 The Regents of the University of California. All rights reserved. This code is derived from software contributed to Berkeley by Mike Muuss. Copyright (c) 1983, 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. This code is derived from software contributed to Berkeley by Van Jacobson.
iwnpi	Android4.4	MIT	http://developer.android.com/index.html	Copyright (c) 2007, 2008 Johannes Berg Copyright (c) 2007 Andy Lutomirski Copyright (c) 2007 Mike Kershaw Copyright (c) 2008-2009 Luis R. Rodriguez Copyright (c) 2013 Wenjie Zhang Copyright (c) 2014 Huiquan Zhou
jpeg	Android4.4	BSD-3-Clause AND IJG AND Apache-2.0 AND Zlib	http://developer.android.com/index.html	Copyright (C) 2009-2011 Nokia Corporation and/or its subsidiary(-ies). All rights reserved. Contact: Alexander Bokovoy <alexander.bokovoy @nokia.com> Copyright (C) 2007-2008,2010-2011 The Android Open Source

				Project Copyright (C) 2010-2011 Intel Corporation
Kernel	4.4	GPL-2.0-only	http://developer.android.com/index.html	Copyright (C) 1989, 1991 Free Software Foundation, Inc.
keystore	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008-2009, 2011-2013 The Android Open Source Project
keystore-engine	Android4.4	BSD-2-Clause	http://developer.android.com/index.html	Copyright 2012-2013 The Android Open Source Project
libandroid	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009, 2010 The Android Open Source Project
libandroid_servers	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2006-2013 The Android Open Source Project
libandroidfw	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2010 The Android Open Source Project
libanroid_runtime	Android4.4	BSD-3-Clause AND Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2011-2012 Google Inc. All rights reserved. Copyright 2011, The Android Open Source Project Copyright (C) 2005-2013 The Android Open Source Project
libbinder	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005-2009,2013 The Android Open Source Project
libbt	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009-2012 Broadcom Corporation
libbt-client-api	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009-2011 Broadcom Corporation
libc	Android4.4	BSD-3-Clause AND BSD-2-Clause	http://developer.android.com/index.html	Copyright (C) 2008-2009,2011-2013 The Android Open Source Project. All rights reserved.

				Copyright (c) 2010-2013, Linaro Limited All rights reserved.
libc	Android4.4	BSD-3-Clause AND BSD-4-Clause-UC	http://developer.android.com/index.html	Copyright (c) 2010, 2011 Intel Corporation
libc_malloc_debug_leak	Android4.4	BSD-2-Clause	http://developer.android.com/index.html	Copyright (C) 2008,2012 The Android Open Source Project All rights reserved.
libc_malloc_debug_qemu	Android4.4	BSD-2-Clause	http://developer.android.com/index.html	Copyright (C) 2009 The Android Open Source Project All rights reserved.
libcamera	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2011-2013 The Android Open Source Project
libcameraservice	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2012-2013 The Android Open Source Project
libcorkscrew	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2011, The Android Open Source Project
libctest	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2007 The Android Open Source Project
libcutils	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
libdiskconfig	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2008, The Android Open Source Project
libdrmframework	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2010 The Android Open Source Project
libeffects	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2013 The Android Open Source Project
libefuse	Android4.4	GPL-2.0-only	http://developer.android.com/index.html	Copyright (C) 2012 Spreadtrum Communications Inc.
libFmRecordHal	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project

libgui	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2007-2008,2010-2013 The Android Open Source Project
libhardware	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2011-2013 The Android Open Source Project
libhardware_legacy	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, 2011The Android Open Source Project
libhwui	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2010-2013 The Android Open Source Project
libinput	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008-2013 The Android Open Source Project
libinputservice	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005, 2010-2011 The Android Open Source Project
libion	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2011 Google, Inc
libjnigraphics	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009 The Android Open Source Project
liblog	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
libm	Android4.4	BSD-2-Clause	http://developer.android.com/index.html	Copyright (c) 2001-2011 The FreeBSD Project. All rights reserved. Copyright (c) 2002-2007 David Schultz <das@FreeBSD.ORG> All rights reserved. Copyright (c) 2003 Mike Barcroft <mike@FreeBSD.org> Copyright (c) 2010 The Android Open

				Source Project All rights reserved.
libmedia	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2012, The Android Open Source Project
libmediaplayerservice	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2009,2012-2013 The Android Open Source Project
libmemion	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2015 The Android Open Source Project
libmemtrack	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2013 The Android Open Source Project
libmtp	1.0.1	LGPL-2.0-or-later	http://developer.android.com/index.html	Copyright (C) 2005-2009 Linus Walleij <triad@df.lth.se> Copyright (C) 2005-2008 Richard A. Low <richard@wentnet.com> Copyright (C) 2007 Ted Bullock <tbullock@canada.com> Copyright (C) 2007 Tero Saarni <tero.saarni@gmail.com> Copyright (C) 2008 Florent Mertens <flomertens@gmail.com> Copyright (C) 2001-2004 Mariusz Woloszyn <emsi@ipartners.pl> Copyright (C) 2003-2009 Marcus Meissner <marcus@jet.franken.de>
libnativehelper	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project

libnbaio	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012-2013 The Android Open Source Project
libnetutils	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
libnfc-nxp	1.1	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 NXP Semiconductors
libnl	2	LGPL-2.0-only AND GPL-2.0-or-later	http://developer.android.com/index.html	Copyright (c) 2003-2009 Thomas Graf <tgraf@suug.ch>
libpng	1.2.46	Libpng	http://developer.android.com/index.html	Copyright 2000, Willem van Schaik. This code is released under the libpng license. libpng versions 1.2.6, August 15, 2004, through 1.2.46, July 9, 2011, are Copyright (c) 2004, 2006-2009 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: Copyright (c) 2007, 2009 Glenn Randers-Pehrson
libselinux	Android4.4	Public-domain	http://developer.an droid.com/index.ht ml	This library (libselinux) is public domain software, i.e. not copyrighted.
libsparse	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2010, 2012 The Android Open Source Project
libssl	1.1.0i	OpenSSL	http://developer.an droid.com/index.ht ml	Copyright (c) 2002-2013, Jouni Malinen <j@w1.fi> and contributors All Rights Reserved. Generic advertisement service (GAS) server Copyright (c) 2008-2012, Qualcomm Atheros, Inc. Copyright (c) 2004, Sam Leffler <sam@errno.com> * Copyright 1995-2018 The OpenSSL Project Authors. All Rights Reserved. Licensed under the OpenSSL license (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file LICENSE in the source distribution or at

				https://www.openssl.org/source/license.html /* ===================*/ Copyright 2002 Sun Microsystems, Inc. ALL RIGHTS RESERVED. Portions of the attached software ("Contribution") are developed by SUN MICROSYSTEMS, INC., and are contributed to the OpenSSL project. The Contribution is licensed pursuant to the OpenSSL open source license provided above. ECC cipher suite support in OpenSSL originally written by Vipul Gupta and Sumit Gupta of Sun Microsystems Laboratories. /* Copyright 2005 Nokia. All rights reserved. The portions of the attached software ("Contribution") is developed by Nokia Corporation and is licensed pursuant to the OpenSSL open source license. The Contribution, originally written by Mika Kousa and Pasi Eronen of Nokia Corporation, consists of the "PSK" (Pre-Shared Key)

				ciphersuites support (see RFC 4279) to OpenSSL.
libstagefright	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005-2013 The Android Open Source Project Copyright (C) 1998-2009 PacketVideo Copyright 2003-2010, VisualOn, Inc.
libstagefright hw	Android4.4	MIT AND Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2008,2010 The Khronos Group Inc. Copyright (C) 1998-2009 PacketVideo
libstdc++	Android4.4	BSD-2-Clause AND MIT	http://developer.android.com/index.html	Copyright (c) 1994 Hewlett-Packard Company Copyright (c) 1996,1997 Silicon Graphics Computer Systems, Inc.
libsuspend	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
libsync	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2012 Google, Inc
libsysutils	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008 The Android Open Source Project
libui	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005-2009,2012 The Android Open Source Project
libusbhost	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project
libutils	Android4.4	BSD-2-Clause AND Apache-2.0	http://developer.android.com/index.html	Copyright 2012, The Android Open Source Project Copyright (c) 2005-2008, 2011-2012 The Android Open Source Project

libvideoeditor	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2011 The Android Open Source Project
lights	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008 The Android Open Source Project
logcat	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
logwrapper	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
mdnsresponder	320.10.80	Apache-2.0 AND BSD-3-Clause AND OpenSSL	http://developer.android.com/index.html	Copyright (c) 1997-2006 Apple Computer, Inc. All rights reserved.
media	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2013, The Android Open Source Project
medialog	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2013 The Android Open Source Project
mediaserver	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2005-2008,2013 The Android Open Source Project
memtester	4	GPL-2.0-only	http://developer.android.com/index.html	Originally by Simon Kirby <sim@stormix.com> <sim@neato.org> Version 2 by Charles Cazabon <charlesc-memtester@pyropus.ca>
misc_ctl	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
mksh	1.305	MirOS	http://developer.android.com/index.html	mksh is covered by The MirOS Licence:
mtp	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2010 The Android Open Source Project
mtpd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2009, The Android Open Source Project

netcfg	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
netd	1.4.20	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005, 2007-2008, 2010-2013 The Android Open Source Project
neven	Android4.4	Apache-2.0	http://developer.android.com/index.html	Neven Code. Copyright (C) 2008 The Android Open Source Project
nv_exchange	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
nxppa	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
omx-core	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
opengl	Android4.4	MIT AND Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007-2013 The Khronos Group Inc.
openssl	1.1.0i	OpenSSL	http://developer.android.com/index.html	License text:
pm	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007, The Android Open Source Project
powermanager	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2011, The Android Open Source Project
ppp	2.4.7	BSD-like	http://developer.android.com/index.html	This product includes software developed by Paul Mackerras <paulus@samba.org>
pppd	2.4.3	BSD-like AND Apache-2.0 AND MIT	http://developer.android.com/index.html	Copyright (c) 1984-2000 Carnegie Mellon University. All rights reserved.
reboot	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2013 The Android Open Source Project
ril	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2013 The Android Open Source Project

rild	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
run-as	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, 2010 The Android Open Source Project
schedtest	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2008 The Android Open Source Project
sdcard	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project
sensorservice	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2010-2012, The Android Open Source Project
sh	Android4.4	BSD-3-Clause AND BSD-4-Clause-UC	http://developer.android.com/index.html	Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 1997 Christos Zoulas. All rights reserved. Copyright (c) 2003 The NetBSD Foundation, Inc. All rights reserved. Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved.
skia	Android4.4	Apache-2.0 AND OFL-1.1 AND BSD-3-Clause AND SGI-B-2.0	http://developer.android.com/index.html	Copyright 2009,2010 The Android Open Source Project
smart_amp	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012-2015, The Linux Foundation. All rights reserved.
softkeymaster	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012-2013 The Android Open Source Project
sonivox	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2004-2006 Sonic Network Inc.

| speex | 1.2 rc1 | BSD-3-Clause | http://developer.android.com/index.html | Copyright (C) 2002-2008 Jean-Marc Valin
Copyright (C) 2002 Jean-Marc Valin & David Rowe
Copyright (C) 2003 Epic Games
Copyright (C) 2003 Epic Games (written by Jean-Marc Valin)
Copyright (C) 2004-2006 Epic Games
Copyright (C) 2005 Analog Devices
Copyright (C) 2005 Jean-Marc Valin, CSIRO, Christopher Montgomery
Copyright (C) 2006 David Rowe
Copyright (C) 2006-2008 CSIRO, Jean-Marc Valin, Xiph.Org Foundation
Copyright (C) 2008 Thorvald Natvig
Copyright (c) 2003-2004, Mark Borgerding
Copyright (c) 2005-2007, Jean-Marc Valin
Copyright (C) 2011 Jyri Sarha, Texas Instruments
Copyright 1992, 1993, 1994 by Jutta Degener and Carsten Bormann, Technische Universitaet Berlin |
| sqlite | 3.7.11 | Public-domain | http://developer.android.com/index.html | The author disclaims copyright to this source code. In place of a legal notice, here is a blessing: |

srec	Android4.4	Apache-2.0	http://developer.android.com/index.html	These files are Copyright 2007, 2008 Nuance Communications, but released under the Apache2 License.
stlport	5	AFL-3.0 AND BSD-2-Clause AND Apache-2.0 AND MIT	http://developer.android.com/index.html	Copyright 1994 Hewlett-Packard Company Copyright 1996,97 Silicon Graphics Computer Systems, Inc. Copyright 1997 Moscow Center for SPARC Technology.
svc	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2008, The Android Open Source Project
system-extras	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, 2010, The Android Open Source Project
system-media	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011-2014 The Android Open Source Project
system-vold	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2007-2008, 2010-2013 The Android Open Source Project
tinyalsa	Android4.4	BSD-3-Clause	http://developer.android.com/index.html	Copyright 2011,2012 The Android Open Source Project
toolbox	Android4.4	BSD-2-Clause AND BSD-3-Clause	http://developer.android.com/index.html	Copyright (c) 1988-1989,1991,1993, 1994 The Regents of the University of California. All rights reserved. Copyright (c) 2008-2010, 2012-2013 The Android Open Source Project All rights reserved. Copyright (c) 1998-1999 Robert Nordier All rights reserved. Copyright (c) 1999

				James Howard and Dag-Erling Copyright (C) 2008-2010 Gabor Kovesdan <gabor@FreeBSD.org> All rights reserved. Copyright (C) 2010 Dimitry Andric <dimitry@andric.com> All rights reserved.
tremolo	0.07	BSD-3-Clause	http://developer.android.com/index.html	Copyright (C) 2002-2009, Xiph.org Foundation Copyright (C) 2010, Robin Watts for Pinknoise Productions Ltd All rights reserved.
u-boot15	2015.07-gd46d0cf	GPL-2.0-or-later	http://developer.android.com/index.html	(C) Copyright 2000 – 2013 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
ueventd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project
vb_effect	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
vb_pga	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
volte (VideoCall)	Android4.4	Apache-2.0 AND MIT	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project Copyright 2004-2006 Aaron Voisine <aaron@voisine.org>
watchdogd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
webrtc	Android4.4	BSD-3-Clause AND BSL-1.0 AND MIT	http://developer.android.com/index.html	Copyright (c) 2011 The Chromium Authors. All rights reserved. Copyright (c) 2011 The WebRTC project

				authors. All Rights Reserved.
wpa_supplicant_8	Android4.4	BSD-3-Clause AND MIT	http://developer.android.com/index.html	Copyright (c) 2002-2013, Jouni Malinen <j@w1.fi> and contributors All Rights Reserved.
zlib	1.2.8	Zlib	http://developer.android.com/index.html	(C) 1995-2013 Jean-loup Gailly and Mark Adler

Supplier:Neusoft				
Component	**Version**	**License**	**Home Page**	**Copyri ght**
Attr	2.4.47	GNU Lesser General Public License v2.1 or later	http://savannah.nongnu.org/projects/attr	
AutoOpts	Unspecifi ed	BSD 3-clause "New" or "Revise d" License	https://github.com/ShiftMediaProject/gnutls/tree/mast er/src/libopts	
barebox	2016.05. 0	GNU General Public License v2.0 or later	http://github.com/RobertCNelson/barebox/	
Berkeley	Unspecifi ed	BSD 3-clause "New" or "Revise d" License	http://www.berkeley.edu/	
Berkeley_test	Unspecifi ed	BSD 3-clause "New" or "Revise d" License	http://www.berkeley.edu/	
bison	3.0.2, 2.5	GNU General Public License v3.0 or later with Bison exceptio n 2.2	http://savannah.gnu.org/projects/bison/	

Bob Jenkins - Hashing	Unspecified	Public Domain	http://www.burtleburtle.net/bob/index.html	
Boost C++ Libraries - boost	1.59.0	Boost Software License 1.0	http://boost.org/	
BusyBox	1.24.1,1.23.2	GNU General Public License v2.0 or later	http://www.busybox.net	
Bzip2	1.0.6	Bzip2 License	http://www.bzip.org/	
CANUTIL	4.0.6	GNU General Public License v2.0 or later	http://www.pengutronix.de/software/socket-can/download/canutils/v4.0/	
ConvertUTF.h	Unspecified	License for Unicode	http://unicode.org/	
crda	3.18	ISC License	http://github.com/idor/crda/	
Das U-Boot - Universal Bootloader	Unspecified	GNU General Public License v2.0 or later	http://www.denx.de/wiki/U-Boot/WebHome	
D-Bus	1.10.2	Academic Free License v2.1	http://www.freedesktop.org/wiki/IntroductionToDBus	
dbus-glib	0.104	Academic Free License v2.1	http://www.freedesktop.org/wiki/Software/dbus	
dotzlib	Unspecified	Boost Software License 1.0	https://github.com/madler/zlib/tree/master/contrib/dotzlib	
dt-utils	dt-utils_test	GNU General Public	http://www.pengutronix.de/	

		License v2.0 or later		
eCryptfs - ecryptfs-userspace	108	GNU General Public License v2.0 or later	http://sourceforge.net/projects/ecryptfs/	
eudev	Unspecified	GNU General Public License v2.0 or later	http://github.com/gentoo/eudev/	
Expat XML Parser - libexpat	Unspecified	MIT License	http://www.libexpat.org/	
Filesystem in Userspace	2.9.4	GNU General Public License v2.0 or later	http://sourceforge.net/projects/fuse/	
genshellopt	Unspecified	GNU Library General Public License v2 or later	https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts	
gkernel - rng-tools	5	GNU General Public License v2.0 or later	http://sourceforge.net/projects/gkernel/	
Glib	2.46.0	GNU Library General Public License v2 or later	https://developer.gnome.org/glib/	
GMP - GNU Multiple Precision Arithmetic Library	6.0.0a	GNU General Public License	http://gmplib.org/	

		v2.0 or later		
GNOME Network Manager	1.0.10	GNU General Public License v2.0 or later	http://www.gnome.org/projects/NetworkManager/	
GNU C Library - glibc	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.gnu.org/software/libc/libc.html	
GNU Get Text	0.15	GNU General Public License v2.0 or later	http://www.gnu.org/software/gettext/	
GNU gettext	0.18.2	GNU Library General Public License v2 or later	http://savannah.gnu.org/projects/gettext/	
GnuTLS	3.3.13	GNU Lesser General Public License v2.1 or later	http://savannah.gnu.org/projects/gnutls/	
Gnutls_Affero	Unspecified	GNU Affero General Public License v3.0	https://github.com/ShiftMediaProject/gnutls/tree/master/tests	
googlemock	1.7.0	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/googlemock/	

Gstreamer	0.10.36	GNU Library General Public License v2 or later	http://gstreamer.freedesktop.org/modules/	
GSTREAMER PLUGINS-BASE	0.10.36	GNU Lesser General Public License v2.1 or later	http://gstreamer.freedesktop.org/src/gst-plugins-base/	
hostapd - IEEE 802.11 AP & IEEE 802.1X/WPA/WPA2/EAP/RADIUS Authenticator	2.5	BSD 3-clause "New" or "Revised" License	http://hostap.epitest.fi/hostapd/	
htop	1.0.3	GNU General Public License v2.0 or later	http://github.com/hishamhm/htop/	
IDEA_FUNCTION	Unspecified	MIT v2 with Ad Clause License	https://github.com/ShiftMediaProject/libgcrypt/tree/master/cipher	
imx_usb_loader	Unspecified	GNU Lesser General Public License v2.1 or later	http://github.com/boundarydevices/imx_usb_loader/	
Info-Zip	3.0	Info-ZIP Updated License	http://www.info-zip.org/pub/infozip/Zip.html	
Iperf	2.0.5	Iperf License	http://sourceforge.net/projects/iperf/	
IPTables	1.4.21	GNU General Public License	http://www.netfilter.org/	

		v2.0 or later		
ISC DHCP	4.1.2	ISC License	http://www.isc.org/software/dhcp/	
iw-ct	3.14	ISC License	http://github.com/greearb/iw-ct/	
jquery	Unspecified	MIT License	http://github.com/jquery/jquery/	
keyutils	1.5.9	GNU General Public License v2.0 or later	http://people.redhat.com/~dhowells/keyutils/	
Kmod_Linux	22	GNU General Public License v2.0 or later	https://github.com/lucasdemarchi/kmod	
Less	443	Less License	http://www.greenwoodsoftware.com/less/	
Lib Cap	2.24	BSD 3-clause "New" or "Revised" License	http://sites.google.com/site/fullycapable/	
libboost	Unspecified	Boost Software License 1.0		
libbtserviceapi	Unspecified	Unspecified		
libbtserviceapi	Unspecified	Robert Bosch Proprietary		
libetrace	Unspecified	Robert Bosch Proprietary		
libffi	3.2.1	Libffi License	http://sourceware.org/libffi/	
libgcrypt	Unspecified	GNU Lesser	http://www.gnupg.org	

		General Public License v2.1 or later		
libgcrypt_GPL	1.7.6	GNU General Public License v2.0 or later	https://github.com/ShiftMediaProject/libgcrypt/tree/libgcrypt-1.7.6	
Libgpg-error Lib	1.20	GNU Lesser General Public License v2.1 or later	http://www.gnupg.org/	
libgudev	230	GNU Library General Public License v2 or later	https://wiki.gnome.org/Projects/libgudev	
libmnl	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.netfilter.org/projects/libmnl/	
libmount	Unspecified	GNU Lesser General Public License v2.1 or later	https://github.com/karelzak/util-linux/tree/master/libmount	
libndp	libndp_test1	GNU Lesser General Public License v2.1 or later	http://libndp.org/	
libnftnl	Unspecified	GNU General	http://www.netfilter.org/projects/libnftnl/	

		Public License v2.0 or later		
libnl - Netlink Library	3.2.25	GNU Lesser General Public License v2.1 or later	http://www.infradead.org/~tgr/libnl/	
libnl - Netlink Library	1.1	GNU Lesser General Public License v2.1 or later	http://www.infradead.org/~tgr/libnl/	
liboil	0.3.16	BSD 2-clause "Simplified" License	http://liboil.freedesktop.org/wiki/	
libsmartcols	Unspecified	GNU Lesser General Public License v2.1 or later	https://github.com/karelzak/util-linux/tree/master/libsmartcols	
libsocketcan	0.0.10	GNU Lesser General Public License v2.1 or later	http://www.pengutronix.de/software/libsocketcan/download/	
Libtasn1	3.2	GNU Lesser General Public License v2.1 or later	http://www.gnu.org/software/libtasn1/	
libtopas_test	Unspecified	Robert Bosch Proprietary		

libtopasapidtsi	Unspecified	Robert Bosch Proprietary		
libusb	1.0.18	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/libusb/	
libuuid	Unspecified	BSD 3-clause "New" or "Revised" License	https://github.com/karelzak/util-linux/tree/master/libuuid	
libvehiclenetwork	Unspecified	Robert Bosch Proprietary		
libxml2	2.9.4	MIT License	http://xmlsoft.org/	
libzip	1.0.1	BSD 3-clause "New" or "Revised" License	http://www.nih.at/libzip/	
Linux Kernel	4.0.9	GNU General Public License v2.0 only	http://www.kernel.org/	
Linux Kernel	4.0.9	GNU General Public License v2.0 only	http://www.kernel.org/	
Logging Framework for C++	1.1.2	Apache License 2.0	http://sourceforge.net/projects/log4cplus/	

Logging Framework for C++	1.1.2	Apache License 2.0	http://sourceforge.net/projects/log4cplus/	
Logrotate Utility	3.9.1	GNU General Public License v2.0 or later	https://fedorahosted.org/logrotate/	
lrzsz	0.12.20	GNU General Public License v2.0 or later	http://www.ohse.de/uwe/software/lrzsz.html	
ltmain.sh	Unspecified	GNU General Public License v2.0 or later	http://www.gnu.org	
luafilesystem	v_1_6_3	MIT License	http://github.com/keplerproject/luafilesystem/	
Minicom	2.6.2	GNU General Public License v2.0 or later	http://alioth.debian.org/projects/minicom/	
mtd-utils	1.5.2	GNU General Public License v2.0 or later	http://git.infradead.org/mtd-utils.git	
ncurses	5.9	X11 License	https://www.gnu.org/software/ncurses/ncurses.html	
Nettle	2.7.1	GNU Lesser General Public License v2.1 or later	http://www.lysator.liu.se/~nisse/nettle/	
NYS_Library	Unspecified	GNU Library General Public	https://github.com/stevenylai/ralink_sdk/blob/master/source/user/ebtables-v2.0.9-2/getethertype.c	

		License v2 or later		
OpenSSH	7.1p2	BSD 2-clause "Simplified" License	http://www.openssh.com/portable.html	
OpenSSL	1.0.2e	OpenSSL Combined License	http://www.openssl.org/	
opkg	0.3.0	GNU General Public License v2.0 or later	https://git.yoctoproject.org/cgit/cgit.cgi/opkg/	
PCRE	8.32	PCRE 5 License	http://sourceforge.net/projects/pcre/	
PCSC Lite	Unspecified	BSD 3-clause "New" or "Revised" License	http://pcsclite.alioth.debian.org/	
Popt	1.15	X11 License	http://freshmeat.net/projects/popt/	
ppp - Pauls PPP Package	Unspecified	GNU General Public License v2.0 or later	http://ppp.samba.org/ppp/index.html	
ppp - Pauls PPP Package	2.4.7	GNU General Public License v2.0 or later	https://ppp.samba.org/index.html	
protobuf	2.5.0	BSD 3-clause "New" or "Revise	http://code.google.com/p/protobuf/	

		d" License		
ReadLine Front-End	Unspecified	GNU General Public License v2.0 or later	https://github.com/issuu/readline/tree/master/examples/rlfe	
rsync	2.6.9	GNU General Public License v2.0 or later	http://samba.anu.edu.au/rsync/	
S Trace	4.10	BSD 3-clause "New" or "Revised" License	http://sourceforge.net/projects/strace/	
siphash	Unspecified	Public Domain	http://github.com/dchest/siphash/	
smhasher	3090200	Public Domain	http://code.google.com/p/smhasher/	
SQLite	3090200	Public Domain	http://www.hwaci.com/sw/sqlite/index.html	
squashfs-tools	4.3	GNU General Public License v2.0 or later	http://github.com/plougher/squashfs-tools/	
systemd	228	GNU Lesser General Public License v2.1 or later	http://freedesktop.org/wiki/Software/systemd/	
Tiny Asynchronous DNS lookup library	Unspecified	Beerware License	http://sourceforge.net/projects/adns/	
TLSF	1.9	Public Domain	http://tlsf.baisoku.org	
UBIFS	Unspecified	GNU General Public	http://www.linux-mtd.infradead.org/doc/ubifs.html	

		License v2.0 or later		
uClibc - A C Library for Embedded Linux	0.9.30.3	GNU Lesser General Public License v2.1 or later	http://www.uclibc.org/	
USB Utils	007	GNU General Public License v2.0 or later	https://www.kernel.org/pub/linux/utils/usb/usbutils/	
USB-DFU	1.0	GNU General Public License v2.0 or later	http://www.usb.org/home	
usbnet	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.linux-usb.org/usbnet/	
Util-Linux	2.27.1	GNU General Public License v2.0 or later	http://freshmeat.net/projects/util-linux/	
util-unix-ng	Unspecified	GNU General Public License v2.0 or later	http://userweb.kernel.org/~kzak/util-linux-ng/	
Wide_Project	Unspecified	BSD 3-clause "New" or "Revised" License	http://www.wide.ad.jp/index.html	

wireless-tools	30	GNU General Public License v2.0 or later	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html	
wpa_supplicant - IEEE 802.1X, WPA, WPA2, RSN, IEEE 802.11i	2.5	BSD 3-clause "New" or "Revised" License	http://hostap.epitest.fi/wpa_supplicant/	
XZ Utils	5.0.4	Public Domain	http://tukaani.org/xz/	
yajl	Unspecified	ISC License	http://github.com/lloyd/yajl/	
yajl	2.1.0	ISC License	http://github.com/lloyd/yajl/	
zlib	1.2.8,1.1.3	zlib License	http://www.zlib.net	

Spplier: Nuance				
Component	**Version**	**License**	**Home Page**	**Copyright**
PCRE		BSD 3-Clause "New" or "Revised" License		

Supplier: Obigo				
Component	Version	License	Home Page	Copyright
vuejs	2.4	MIT License		2013-present, Yuxi (Evan) You
vux	0.1.3	MIT License		2016-present, Airyland
es6-promise	3.3	MIT License		Yehuda Katz, Tom Dale, Stefan Penner and contributors
Quasar framework	0.5	MIT License		2015-present Razvan Stoenescu
tween.js	16.6	MIT License		2010-2012 Tween.js authors
iScroll	5	MIT License		2014 Matteo Spinelli, cubiq.org
array-filter	1.0.0	MIT License		2013 Julian Gruber
array-find	1.0.0	MIT License		Stefan Duberg
array-from	1.0.0	MIT License		(c): Studio B12 GmbH
array-map	0.0.0	MIT License		James Halliday
array-shuffle	1.0.0	MIT License		Sindre Sorhus
countup	1.6.1	MIT License		Jamie Perkins
object-assign	4.1.0	MIT License		Sindre Sorhus
photoswipe	4.1.1	MIT License		Dimitry Semenov
shake.js	1.2.2	MIT License		Fractal
validator	5.1.0	MIT License		2018 Chris O'Hara
HTML Parser	NA	Mozilla Public License , Apache Software License 2.0		2004 Erik Arvidsson
archiver	2.1.0	MIT License		Copyright (c): 2012-2014 Chris Talkington
async	2.3.0	MIT License		Copyright (c): 2010-2018 Caolan McMahon
bluebird	3.4.6	MIT License		Copyright (c): 2013-2018 Petka Antonov
cross-npm-spawn	1.1.1	MIT License		Copyright (c): 2016 Leeroy Brun
extract-zip	1.5.0	BSD-2-Clause License		Copyright (c): 2014 Max Ogden
fs-extra	2.0.0	MIT License		Copyright (c): 2011-2017 JP Richardson
iconv-lite	0.4.13	MIT License		Copyright (c): 2011 Alexander Shtuchkin
is-online	7.0.0	MIT License		Copyright (c): Sindre Sorhus <sindresorhus@gmail.com>
json-rpc2	1.0.2	MIT License		Copyright (c): 2009 Eric Florenzano, Ryan Tomayko
lodash	4.17.4	MIT License		Copyright (c): JS Foundation

progress-stream	2.0.0	BSD-2-Clause License		Copyright (c): Tobias Baunbæk <freeall@gmail.com>
scp2	0.5.0	MIT License		Copyright (c): 2013 Hsiaoming Yang
ssh2	0.5.4	MIT License		Copyright (c): Brian White
sshpk	1.14.1	MIT License		Copyright (c): Joyent, Inc
targz	1.0.1	MIT License		Copyright (c): Miska Kaipiainen <miska.kaipiainen@gmail.com>
vboxmanage.js	1.0.5	MIT License		Copyright (c): 2016 Daniel Cohen Gindi
xml2js	0.4.17	MIT License		Copyright (c): Marek Kubica <marek@xivilization.net>
requirejs	2.1.1	MIT License		Copyright (c): jQuery Foundation
semver	2.1.0	ISC License		Copyright (c): Isaac Z. Schlueter
SlowAES	0.1a1	Apache License		Copyright (c): Josh Davis
which	2.1.01.0.5	ISC License		Copyright (c): Isaac Z. Schlueter
eventemitter2	1.0.0	MIT License		Copyright (c): 2016 Paolo Fragomeni
moment.js	2.16.0	MIT License		Copyright (c): JS Foundation
bootstrap	2.3.1	MIT License		Copyright (c): 2011-2018 Twitter, Inc Copyright (c): 2011-2018 The Bootstrap Authors
Minizip	NA	Zlib license		Copyright (c): 1995-2012 Jean-loup Gailly and Mark Adler
qtquick2-bem	NA	Creative Commons Attribution 3.0		
Wayland and Weston	NA	MIT License		Copyright © 2010 Kristian Høgsberg
flexbuffers	1.7.1	Apache 2.0		
etch	1.4.0	Apache 2.0		Copyright (C) 2012 BMW Car IT GmbH
flexbuffers	1.7.1	Apache 2.0		
CppSQLite - C++ Wrapper for SQLite	3.2	CPOL 1.02		Copyright (c): 2004..2007 Rob Groves. All Rights Reserved. rob.groves@btinternet.com
afl-fuzz	2.31b	Apache 2.0		
android_crazy_linker	NA	Apache 2.0		Copyright (c): 2014 The Chromium Authors
android_explicit_synchronization	NA			

angle-master_2014-10-03	NA	BSD 3 License		Copyright (c): 2002-2013 The ANGLE Project Authors.
Blink	NA	LGPL 2.1		Copyright (c): 2014 The Chromium Authors.
boringssl-master	NA	BSD 3 License		
breakpad-origin/chrome_53	NA	BSD 3 License		Copyright (c): 2006, Google Inc.
brotli	v0.4.0	MIT License		Copyright (c): 2009, 2010, 2013-2015 by the Brotli Authors.
catapult-0.1.0-alpha-1	NA	Apache 2.0		Copyright (c): 2015 The Chromium Authors
cacheinvalidation-master_2014-09-04	NA	Apache 2.0		
cld2-master_2017-12-14	NA	Apache 2.0		
fontconfig	2.11.0	MIT License		Copyright (c): 2012 Google, Inc.
compact_encoding_detection	NA	Apache 2.0		Copyright (c): 2016 Google Inc.
compact_language_detector_v3	NA	Apache 2.0		Copyright (c): 2016 Google Inc.
coveragepy-coverage	5.0a1	Apache 2.0		Copyright (c): 2004-2015 Ned Batchelder.
crashpad-electron	v1.6.12	Apache 2.0		
dmg_fp-master_2014-05-19	NA	MIT License		Copyright (c): 1991, 2000, 2001 by Lucent Technologies.
external-chromium_org-sdch-open-vcdiff-mips-kk-4.4.2_r1.m1	NA	Apache 2.0		Copyright (c): 2008 The open-vcdiff Authors.
flac	1.3.1	BSD 3 License		Copyright (c): 2011-2014 Xiph.Org Foundation
flatbuffers	v1.9.0	Apache 2.0		Copyright (c): 2014 Google Inc
fontconfig	2.11.1	MIT License		Copyright (c): 2012 Google, Inc.
freetype2	VER-2-5-4	BSD 3 License		
freetype2	VER-2-9-1	Freetype Project License		
glslang-GoogleGlslang20160218	NA	MIT License		Copyright (c): 2015-2016 The Khronos Group Inc.
googlemock-release	1.7.0	BSD 3 License		Copyright (c): 2008, Google Inc.
googletest-release	1.7.0	BSD 3 License		Copyright (c): 2008, Google Inc.
grpc	v1.4.7	BSD 3 License		Copyright (c): 2015, Google Inc.
harfbuzz	1.3.1	MIT License		Copyright (c): 2010,2011,2012 Google, Inc.

iccjpeg-32.	32.0.1700.102	Custom License		Copyright (c): 1991-1998, Thomas G. Lane.
icu-release	56-1	ICU license		Copyright (c): 1995-2015 International Business Machines Corporation and others.
jsoncpp-svn-release-0.6.0-rc2	NA	MIT License		Copyright (c): 2007-2010 Baptiste Lepilleur
khronos_headers	NA	MIT License, SGI Free Software License B		Copyright (c): 2007-2010 The Khronos Group Inc.
leveldb	v1.20	BSD 3 License		Copyright (c): 2011 The LevelDB Authors. All rights reserved.
libaddressinput-master_2014-10-07	NA	Apache 2.0		
libevent-release	1.4.15-stable	BSD 3 License		Copyright (c): 2007-2010 Niels Provos and Nick Mathewson
libfuzzer	NA	University of Illinois/NCSA Open Source License		Copyright (c): 2003-2015 University of Illinois at Urbana-Champaign.
libjpeg-turbo	1.4.90	Custom License (libjpeg-turbo license), BSD 3 License, Zlib License		
libphonenumber	v8.9.8	Apache 2.0 License, Ruby License, postgreSQL License		Copyright (c): 2014 The Chromium Authors. All rights reserved.
libpng	v1.6.22beta03	libpng license		Copyright (c): 2000-2002, 2004, 2006-2016 Glenn Randers-Pehrson
libsrtp	v1.5.2	BSD 3 License		Copyright (c): 2001-2006 Cisco Systems, Inc.
libvpx	v1.6.0	BSD 3 License		Copyright (c): 2010, The WebM Project authors. All rights reserved.
libwebm-libwebm	1.0.0.27	BSD 3 License		Copyright (c): 2010, Google Inc. All rights reserved.

libwebp	v0.5.1	BSD 3 License		Copyright (c): 2010, Google Inc.
libxml2	v2.9.5	MIT License		Copyright (c): 1998-2012 Daniel Veillard.
libXNVCtrl-master_2018-03-01	NA	MIT License		Copyright (c): 2008 NVIDIA
libxslt	v1.1.29-rc2	MIT License		Copyright (c): 1998-2012 Daniel Veillard.
libyuv	v1.0.0	BSD 3 License		Copyright (c): 2011 The LibYuv Project Authors.
linux_syscall_support	NA	BSD 3 License		Copyright (c): 2005-2011, Google Inc.
minigbm	NA	BSD 3 License		Copyright (c): 2014 The Chromium OS Authors.
modp_b64-master_2014-10-08	NA	BSD 3 License		Copyright (c): 2005, 2006 Nick Galbreath
mojo-master_2014-10-08	NA	BSD 3 License		Copyright (c): 2014 The Chromium Authors.
mt19937ar	32.0.1700.102	BSD 3 License		Copyright (c): 1997 - 2002, Makoto Matsumoto and Takuji Nishimura
native_client-master_2014-10-16	NA	BSD 3 License		Copyright (c): 2008, Google Inc.
openh264	v1.4.0	BSD 2 License		Copyright (c): 2013, Cisco Systems
opus	v1.1.3	BSD 3 License		Copyright (c): 2001-2011 Xiph.Org, Skype Limited, Octasic, Jean-Marc Valin, Timothy B. Terriberry, CSIRO, Gregory Maxwell, Mark Borgerding, Erik de Castro Lopo
ots	v5.0.0	BSD 3 License		Copyright (c): 2009 The Chromium Authors.
ozone-wayland	45.0.2454.37	BSD 3 License		Copyright (c): 2013 Intel Corporation.
pdfium-chromium/3440	NA	BSD 3 License		Copyright (c): 2014 PDFium Authors.
protobuf	v3.0.0-beta-3	BSD 3 License		Copyright (c): 2008 Google Inc.
qcms	NA	MIT License		Copyright (c): 2009 Mozilla Corporation, 1998-2007 Marti Maria
re2-2016-02-01	NA	BSD 3 License		Copyright (c): 2009 The RE2 Authors.
SevenZip-LZMA	15.14	Public domain		
shaderc	v2018.0	Apache 2.0		

skia	v1.60.0	BSD 3 License		Copyright (c): 2011 Google Inc.
smhasher-trunk_2014-04-22	NA	MIT License		Copyright (c): 2011 Google, Inc.
snappy	v1.1.0	BSD 3 License		Copyright (c): 2011 Google Inc.
SPIRV-Tools-spirv	1.1-rev1	MIT License		Copyright (c): 2015-2016 The Khronos Group Inc.
sqlite-version	3.8.4	Public domain		
tcmalloc-master_2012-05-20	NA	BSD 3 License		Copyright (c): 2005, Google Inc.
uriparser-uriparser	0.8.0	BSD 3 License		Copyright (c): 2007, Weijia Song <songweijia@gmail.com>, 2007, Sebastian Pipping <sebastian@pipping.org>
url_parse	NA	MPL 1.1 License		Copyright (c): 2007, Google Inc.
usrsctp	0.9.3.0	BSD 3 License		Copyright (c): 2002-12 Randall R. Stewart, 2002-12 Michael Tuexen
v8	5.6.309.1	BSD 3 License		Copyright (c): 2006-2011, the V8 project authors.
VulkanTools-sdk	1.0.8.0	MIT License		Copyright (c): 2015 Valve Corporation
wayland	1.11.91	MIT License		Copyright (c): 2008-2012 Kristian Høgsberg 2010-2012 Intel Corporation 2011 Benjamin Franzke 2012 Collabora, Ltd.
wayland-protocols	NA	MIT License		Copyright (c): 2008-2013 Kristian Høgsberg 2010-2013 Intel Corporation 2013 Rafael Antognolli 2013 Jasper St. Pierre 2014 Jonas Ådahl 2014 Jason Ekstrand 2014-2015 Collabora, Ltd. 2015 Red Hat Inc.
WebGL-master_2015-01-08	NA	Apache 2.0		Copyright (c): 2011, The WebRTC project authors.
webrtc-builds-9686	NA	BSD 3 License		
woff2	NA	MIT License		
yasm	v1.2.0	BSD 2 License		Copyright (c): 2001-2010 Peter Johnson and other Yasm developers.

zlib	1.2.8	Zlib License		Copyright (c):1995-2010 Jean-loup Gailly and Mark Adler
boost	1_58_0	BSL 1.0 License		
libjson	0.1	MIT License		Copyright (c): 2004, 2005 Metaparadigm Pte Ltd
pkg-config-generator	NA	MIT License		Copyright (c): 2016 Nii Mante
uriparser	0.8.5	BSD 3 License		Copyright (c): 2007, Weijia Song 2007, Sebastian Pipping
xmlsec1	1.2.24	MIT License		Copyright (c):2002-2016 Aleksey Sanin
Tornado	4.1	Apache 2.0		
Ujson	1.35	BSD 3 License		Copyright (c): 2014, Electronic Arts Inc.
Python	2.7.9	Python Library v2.0		Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation
Backports	3.4.0.2	Python Library v2.0		Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation

Supplier: OMRON				
Component name	Version	License	Homepage	Copyright
SimString	1	The BSD license	http://www.chokkan.org/software/simstring/	Copyright (c) 2009,2010 Naoaki Okazaki All rights reserved.

Supplier: Real_VNC_3_2				
Component name	Version	License	Homepage	Copyright
aclocal and pkg.m4	aclocal 1.11.1	Free Software Foundation - MIT Style License GPL2.0+ wih Autoconf exception		Copyright © 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 FreeSoftware Foundation, Inc. Copyright © 2004 Scott James Remnant <scott@netsplit.com>.
AES		Brian Gladman 3-Clause License or GPL		Copyright © 2003 Dr Brian Gladman, Worcester, UK.
Android Support Libraries	19.0.0	Apache License 2.0		Copyright (c) 2005-2008, The Android Open Source Project
ath9k_faf1dc64_ backport.patch		GNU General Public License v2.0 or later		Copyright © 2014 Rajkumar Manoharan.
axTLS (SHA1 only)	1.1.8	BSD 3-Clause "New" or "Revised" License		Copyright © 2007 Cameron Rich. See section 7.7.1
Base64.java	2.3.7	Public domain	http://iharder/sourceforge.net/current/java/base64	
compat-wireless	1027gd46416 c-p	GNU General Public License v2.0 or later		
EAX		Brian Gladman License		Copyright © 1998-2010 Dr Brian Gladman, Worcester, UK.
Endian		Brian Gladman 3-Clause License		Copyright © 2003 Dr Brian Gladman, Worcester, UK.

expat	2.0.1	MIT License		Copyright © 1998,1999, 2000 Thai Open Source Software center Ltd and Clark Cooper. Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
ExtractMpeg FramesTest. java		Apache License 2.0	http://bigflake.com/mediacodec/ExtractMpegFramesTest.java.txt	Copyright 2013, The Android Open Source Project
FreeType	2.5.5	FreeType Project license	www.freetype.org	Portions of this software are copyright © 2006 The FreeType Project
GCC libstdc++	4.1.2 4.4.5	GNU General Public License v2.0 or later	http://gcc.gnu.org/libstdc++	Copyright © 1994 to 2009 Free Software Foundation, Inc.
Internal Android OS APIs	android2.3.3_r1 android4.0.1_r1 android4.1.1_r1 android4.2.1_r1 android4.3_r1 android4.4_r1	Apache License 2.0		Copyright 2005-2013, The Android Open Source Project
JRTPLIB	3.9.1	MIT License	http://research.edm.uhasselt.be/~jori/.	
JThread	1.3.1	MIT License	http://research.edm.uhasselt.be/~jori/.	Copyright © 1999-2011 Ross Bencina and Phil Burk
keysymdef		MIT open group variant license Digital equipment license	/main/28	Copyright © 1987, 1994, 1998 The Open Group. Copyright © 1987 by Digital Equipment Corporation, Maynard, Massachusetts.
libjpegturbo	1.2.1	libjpeg license	http://sourceforge.net/projects/libjpegturbo/.	Copyright © 1991-2011 Thomas G. Lane, Guido Vollbeding, Pierre Ossman for Cendio AB, and D. R. Commander
libpng	1.2.52	libpng license		Copyright © 2004 and 2006-2014 Glenn Randers-Pehrson

LibTomCrypt	1.16	Public domain	http://libtom.org	
LibTomMath	0.39	Public domain	http://libtom.org	
libudev	142 and 150	GNU Lesser General Public License v2.1 or later	http://www.kernel.org/pub/linux/utils/kernel/hotplug.	Copyright © 2008-2010 Key Sievers <key.sievers@vrfy.org> Copyright © 2009 Alan Jenkins <alanjenkins@tuffmail.co.uk>
libupnp (pupnp)	1.6.19	BSD 3-Clause "New" or "Revised" License		Copyright (c) 2000-2003 Intel Corporation. Copyright (c) 2005-2006 Rémi Turboult <r3mi@users.sourceforge.net> Copyright (c) 2006 Michel Pfeiffer and others <virtual_worlds@gmx.de>. Copyright (c) 2011-2012 France Telecom.
libusb	1	GNU Lesser General Public License v2.1 or later		
libusbx	1.0.12	GNU Lesser General Public License v2.1 or later		Copyright © 2001 Johannes Erdfelt <johannes@erdfelt.com> Copyright © 2007-2009 Daniel Drake <dsd@gentoo.org> Copyright © 2008-2011 Nathan Hjelm <hjelmn@users.sourceforge.net> Copyright © 2009-2012 Pete Batard <pete@akeo.ie> Copyright © 2010-2012 Michael Plante <michael.plante@gmail.com> Copyright © 2011-2012 Hans de Goede <hdegoede@redhat.com>

				Copyright © 2012 Martin Pieuchot <mpi@openbsd.org> Copyright (C) 1994, 1995, 1996, 1999, 2000, 2001, 2002, 2004, 2005, 2006 Free Software Foundation, Inc.
libxml2	2.9.1	MIT License		Copyright © 1998-2012 Daniel Veillard
libzip	0.9	Free Software Foundation		Copyright © 1999-2008 Dieter Baron and Thomas Klausner Copyright © 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc Copyright © 1987, 1993 The Regents of the University of California
LodePNG	20141130	Zlib license		Copyright © 2005-2014 Lode Vandevenne.
miniupnpc	1.5	Zlib license		Copyright © 2005-2009 and 2005-2011 Thomas Bernard
miniupnpc	1.5	BSD 3-Clause "New" or "Revised" License		Copyright © 2005-2009 and 2005-2011 Thomas Bernard. See section 7.1.20
mxcfb.h		GNU Lesser General Public License v2.1 or later		Copyright 2004-2010 Freescale Semiconductor Inc. All rights reserved.
OpenSSL	0.9.8zf	The OpenSSL Project license		Copyright © 1998-2011 The OpenSSL Project. See section 7.1.3.1. Copyright © 1995-1998 Eric Young. See section 7.1.3.2.
portaudio	19	MIT	http://www.portaudio.com/.	Copyright © 1999-2011 Ross Bencina and Phil Burk.
portaudio	19	MIT License	http://www.portaudio.com/.	Copyright © 1999-2011 Ross Bencina and Phil Burk.
pythonpsutil_2.1.3. bb	FSL Community	MIT license		Copyright © 2012-2014 Otavio Salvador.

	BSP 1.6 (Daisy)			
Qt libraries	ARM builds: 4.7.1. Non-ARM builds: 4.6.2.	GNU Lesser General Public License v2.1 or later		Copyright © 2009-2011 Nokia Corporation and/or its subsidiary(-ies). Nokia, Qt and their respective logos are trademarks of Nokia Corporation in Finland and/or other countries worldwide.
SHA	38969	Dr Brian Gladman license Cameron Rich license		Copyright © 2002 Dr Brian Gladman, Worcester, UK
wpa_supplicant	2.3	BSD 3-Clause "New" or "Revised" License		Copyright © 2002-2014 Jouni Malinen and contributors.
X Windows	XFree86 1.9	The Open group license Digital Equipment cooperation license Digital Equipment Corporation - Panoramix components		Copyright © 1987, 1988, 1989, 1998 The Open Group. See section 7.1.1.1. Copyright © 1987, 1988, 1989 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.2. Copyright © 1991, 1997 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.3
Zlib	1.1.4	Zlib license		Copyright © 1995-2002 Jean-loup Gailly and Mark Adler. See section 7.1.2.
Zlib	1.2.3	Zlib license		Copyright © 1995-2005 Jean-Loup Gailly and Mark Adler.

Supplier: Redbend_SWM				
Component	Version	License	Home Page	Copyright
action	0.1.1	Apache License 2.0	http://repo1.maven. org/maven2/com/nin g/metrics.action/	
Android - platform - dalvik	2.1_r1	Apache License 2.0	http://developer.and roid.com/index.html	

Android - platform - frameworks - base	4.0.1_r1	Apache License 2.0	http://developer.and roid.com/index.html	
Android - platform - prebuilts - sdk	4.4_r1	Apache License 2.0	http://developer.and roid.com/index.html	
Android SDK Support Libraries	19	Apache License 2.0	https://developer.an droid.com/tools/sup port-library/index.html	
Android SDK Support Libraries	23.1.1	Apache License 2.0	https://developer.an droid.com/tools/sup port-library/index.html	
Drools :: Scorecards	5.5.0.Final	Apache License 2.0	http://mirrors.ibiblio. org/maven2/org/drools/droolsscorecards/	
mongolduu	master-20121109	Apache License 2.0	http://github.com/tug stugi/mongolduu/	
Stan-for-Android	0.1.0	Apache License 2.0	http://github.com/La bel305/Stan-forAndroid/	
doT	1.0.1	MIT License	http://github.com/ola do/doT/	
jquery	2.0.3	MIT License	http://github.com/jqu ery/jquery/	
jquery_mobile_rails	1.3.2	MIT License	http://rubygems.org/gems/jquery_mobile_rails	
SafeSlinger-Android	1.8.3-messenger	MIT License	http://github.com/Sa feSlingerProject/Saf eSlinger-Android/	
OpenSSL	Generic Version	OpenSSL Combined License	http://www.openssl.org/	
CRC32 MIT.edu	Generic Version	Public Domain	http://web.mit.edu/	
SHA-1 in C	9/1/2001	Public Domain	http://www.mirrors.w iretapped.net/securit y/cryptography/hash es/sha1	
SyncML C Toolkit	4.0.3	SyncML License	http://sourceforge.n et/projects/syncmlctoolkit/	

Supplier: Redbend				
Component	Version	License	Home Page	Copyright
7 Zip - LZMA SDK	9.2	Public Domain	http://www.7-zip.org/sdk.html	
7 Zip - LZMA SDK	4.01	Public Domain.	http://sourceforge.net/projects/sevenzip/	
Android - platform - bootable - recovery	4.2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - system - core	4.2	Apache License 2.0	http://developer.android.com/index.html	
bsdiff	4.3	BSDiff license	http://github.com/geraldonetto/bsdiff/	
CMarkup	11.05	Acquired CMarkup Developer License	http://www.firstobject.com/dn_markup.htm	
CRC table (Autogen)	Has no version number	Public Domain	http://en.wikipedia.org/wiki/Cyclic_redundancy_check	
Filesystem in Userspace	2.8.5	BSD 2-clause "Simplified" License	http://sourceforge.net/projects/fuse/	
Filesystem in Userspace	2.9.3	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/fuse/	
FreeBSD	2.2.2	BSD 4-clause "Original" or "Old" License	http://www.freebsd.org	
Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56xx	2.10 special edition	Commercial license		
GNU C Library - glibc	2.2.4	GNU Lesser General Public License v2.1 or later	http://www.gnu.org/software/libc/libc.html	
Lawicel CAN USB sample code	0.1.8	Lawicel CAN USB sample code license	http://www.can232.com/?page_id=75	
libdivsufsort	2.0.0	MIT License	http://code.google.com/p/libdivsufsort/	
lz4	94	BSD 2-clause "Simplified" License	http://code.google.com/p/lz4/	
LZO real-time data compression library	2.04	Acquired commercial license	http://www.oberhumer.com/opensource/lzo/	

MSDN Sample Code	vs.85	Microsoft Limited Public License (Ms-LPL)	http://msdn.microsoft.com/en-US/windows/	
NetBSD	6	BSD 3-clause "New" or "Revised" License	http://www.netbsd.org/	
UCL Data Compression Library	1.03	Acquired commercial license	http://www.oberhumer.com/opensource/ucl/	
XMLFoundation	Apr-14	MIT License	http://xmlfoundation.codeplex.com/	
zlib	1.2.3	zlib License	http://www.zlib.net	

Supplier: Teseo				
Component name	Version	License	Homepage	Copyright
FATFS				

Supplier: SK_telecom				
Component name	Version	License	Homepage	Copyright
aladdin-md5	Unspecified	zlib License	https://opensource.apple.com/source/cups/cups-30/cups/md5.h.auto.html	Copyright (C) 1999 Aladdin Enterprises
Alsa Libraries	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.alsa-project.org/	
Android - platform - frameworks - base	android-7.0.0_r1	Apache License 2.0	https://android.googlesource.com/platform/frameworks/base	(C) 2015 The Android Open Source Project
Android - platform - frameworks - base	Unspecified	Apache License 2.0	https://android.googlesource.com/platform/frameworks/base	
Anti-Grain Geometry	Unspecified	Anti-Grain Geometry Public License	http://sourceforge.net/projects/vector-agg/	Copyright (C) 2002-2005 Maxim Shemanarev
Boost C++ Libraries - boost	Unspecified	Boost Software License - Version 1.0	http://boost.org/	
Code Project - C++ Memory Pool	1	The Code Project Open License (CPOL) 1.02	http://www.codeproject.com/KB/cpp/MemoryPool.aspx	
Curl and Libcurl	Unspecified	curl License	http://github.com/curl/curl/	Copyright (C) 1998 - 2011, Daniel Stenberg
gecko-dev	Unspecified	BSD 3-clause "New" or "Revised" License	http://github.com/mozilla/gecko-dev/	(C) 2002 Jean-Marc Valin
gpclib	Unspecified	Commercial License	http://github.com/rdpeng/gpclib/	Copyright: (C) 1997-2004, Advanced Interfaces Group, University of Manchester.
GSM 06.10 Lossy Speech Compression	Unspecified	GSM License	http://kbs.cs.tu-berlin.de/~jutta/toast.html	Copyright 1992, 1993, 1994 by Jutta Degener and Carsten Bormann
GStreamer	Unspecified	GNU Library General Public License v2 or later	http://gstreamer.freedesktop.org/modules/	
jsoncpp	Unspecified	Public Domain or MIT	http://sourceforge.net/projects/jsoncpp/	Copyright (c) 2007-2010 by Baptiste Lepilleur and The JsonCpp Authors,
libogg	Unspecified	BSD 3-clause "New" or "Revised" License	http://xiph.org/ogg/	Copyright (c) 2002, Xiph.org Foundation

libxml2	Unspecified	MIT license	http://xmlsoft.org/	
OpenGL-Examples	master -20141123	zlib License	http://github.com/progschj/OpenGL-Examples/	Copyright (c) 2012 Jakob Progsch
OpenSSL	1.0.2	OpenSSL Combined License	http://www.openssl.org	
Opus	Unspecified	BSD 3-clause "New" or "Revised" License	http://opus-codec.org	Copyright (c) 2007-2008 CSIRO Copyright (c) 2007-2010 Xiph.Org Foundation Copyright (c) 2008 Gregory Maxwell
pkgconf	Unspecified	ISC License	http://github.com/pkgconf/pkgconf/	Copyright (c) 1998 Todd C. Miller
pugixml	Unspecified	MIT license	http://pugixml.org/	Copyright (c) 2006-2018 Arseny Kapoulkine
PVRTC Library	Unspecified	Unspecified	https://www.imgtec.com/developers/powervr-sdk-tools/installers/	
SDL	2	zlib License	http://www.libsdl.org/index.php	Copyright (C) 1997-2016 Sam Lantinga
SDL_gfx	Unspecified	zlib License	http://sourceforge.net/projects/sdlgfx/	
Speex	1.2beta2 dev	BSD 3-clause "New" or "Revised" License	http://www.speex.org/	
SQLite	Unspecified	Public domian	http://www.sqlite.org/	
Sunrise/set calculator	Unspecified	Public domian	https://stjarnhimlen.se/comp/sunriset.c	
tiny-AES128-C	20141218	Public domian	http://github.com/kokke/tiny-AES128-C/	
wosh	Unspecified	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/wosh/	Copyright (C) 2002 Michael Ringgaard. All rights reserved.
zlib	1.2.11	zlib License	http://www.zlib.net/	

3.1 X Windows - XFree86 1.9

Copyright © 1985.2., 1988, 1989, 1998 the Open Group.

Copyright © 1985.2., 1988, 1989 Digital Equipment Corporation, Maynard, Massachusetts.

Copyright © 1991, 1995.2. Digital Equipment Corporation, Maynard, Massachusetts.

Terms and Conditions: Refer section 5.2.1.1, 5.2.1.2, 5.2.1.3

3.2 Zlib - 1.1.4

Copyright © 1995-2002 Jean-loup Gailly and Mark Adler.
 Terms and Conditions: Refer section 5.2.2

3.3 OpenSSL - 0.9.8x

Copyright © 1998-2011 The OpenSSL Project. See section 5.2.3.1.

Copyright © 1995-1998 Eric Young. See section 5.2.3.2.

Terms and Conditions: Refer section 5.2.3.1, 5.2.3.2

3.4 SHA

Copyright © 2002 Dr Brian Gladman, Worcester, UK.

Terms and Conditions: Refer section 5.2.4

3.5 AES

Copyright © 2003 Dr Brian Gladman, Worcester, UK.
Terms and Conditions: Refer section 5.2.5

3.6 EAX

Copyright © 2003 Dr Brian Gladman, Worcester, UK.

Terms and Conditions: Refer section 5.2.6

3.7 Expat - 2.0.1

Copyright © 1998,1999, 2000 Thai Open Source Software center Ltd and Clark Cooper.

Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.

Terms and Conditions: Refer section 5.2.8

3.8 Libpng - 1.2.40

Copyright © 2004 and 2006-2009 Glenn Randers-Pehrson.
Terms and Conditions: Refer section 5.2.9

3.9 Libzip - 0.9

Copyright © 1999-2008 Dieter Baron and Thomas Klausner.

Copyright © 1994, 1995, 1996, 1995.2., 1998, 1999, 2000, 2001, 2002, 2003,

2004, 2005, 2006, 2005.2., 2008 Free Software Foundation, Inc.

Copyright © 1985.2., 1993 The Regents of the University of California. All Rights Reserved.

Terms and Conditions: Refer section 5.2.10

3.10 JPEG - 6b

Copyright © 1991-1998 Thomas G. Lane.
 Terms and Conditions: Refer section 5.2.9

3.11 Libjpegturbo - 1.2.1

Copyright © 1991-2011 Thomas G. Lane, Guido Vollbeding, Pierre Ossman for Cendio AB, and D. R. Commander.
See http://sourceforge.net/projects/libjpegturbo/.

Terms and Conditions: Refer section 5.2.7

3.12 GCC libstdc++ - 4.1.2

Copyright © 1994 to 2009 Free Software Foundation, Inc.

Terms and Conditions: Refer section 5.2.13

3.13 Keysymdef

Copyright © 1985.2., 1994, 1998 The Open Group.

Copyright © 1985.2. by Digital Equipment Corporation, Maynard, Massachusetts.
Terms and Conditions: Refer section 5.2.14

3.14   Endian

Copyright © 2003 Dr Brian Gladman, Worcester, UK.
Terms and Conditions: Refer section 5.2.15

3.15   JRTPLIB - 3.9.1

Terms and Conditions: Refer section 5.2.16

3.16   JThread - 1.3.1

Terms and Conditions: Refer section 5.2.17

3.17   Portaudio - 1.9

Copyright © 1999-2011 Ross Bencina and Phil Burk.
Terms and Conditions: Refer section 5.2.18

3.18   Libxml2 - 2.9.1

Copyright © 1998-2012 Daniel Veillard.

Terms and Conditions: Refer section 5.2.19

Note: RealVNC has made some small modifications to this software.

3.19   Miniupnpc - 1.5

Copyright © 2005-2009 and 2005-2011 Thomas Bernard.

Terms and Conditions: Refer section 5.2.20

Note: RealVNC has made a number of modifications to this software. See section 5.2.19.3.

3.20   Zlib - 1.2.3

Copyright © 1995-2005 Jean-Loup Gailly and Mark Adler.

Terms and Conditions: Refer section 5.2.2

3.21 LibTomCrypt - 1.16

Terms and Conditions: Refer section 5.2.21

3.22 LibTomMath - 0.39

Terms and Conditions: Refer section 5.2.22

3.23 Base64.java - 2.3.5.2.

Terms and Conditions: Refer section 5.2.23

3.24 Internal Android OS APIs

Copyright 2005-2013, The Android Open Source Project Licensed under the Apache License, Version 2.0 (the "License").
Terms and Conditions: Refer section 5.2.24

3.25 ExtractMpeg FramesTest. Java

Copyright 2013, The Android Open Source Project

Terms and Conditions: Refer section 5.2.25

3.26 Libupnp (pupnp) - 1.6.19

Copyright (c) 2000-2003 Intel Corporation.

Copyright (c) 2005-2006 Rémi Turboult <r3mi@users.sourceforge.net>

Copyright (c) 2006 Michel Pfeiffer and others <virtual_worlds@gmx.de>.

Copyright (c) 2011-2012 France Telecom.

Terms and Conditions: Refer section 5.2.26

3.27 Libxml2 - 2.9.1

Copyright © 1998-2012 Daniel Veillard..

Note: RealVNC has made some small modifications to this software.

Terms and Conditions: Refer section 5.2.19

3.28 OpenSSL - 0.9.8x

Copyright © 1998-2011 The OpenSSL Project.

Copyright © 1995-1998 Eric Young.

Terms and Conditions: Refer section 5.2.3.1, 5.2.3.2, 5.2.3.3.

3.29 Wpa_supplicant - 2.3

Copyright © 2002-2014 Jouni Malinen and contributors.

Terms and Conditions: Refer section 5.2.28

3.30 Pythonpsutil_2.1.3.bb

Copyright © 2012-2014 Otavio Salvador.

Terms and Conditions: Refer section 5.2.28

3.31 Android SupportLibraries - 19.0.0

Copyright (c) 2005-2008, The Android Open Source Project

For detailed licensing information, see http://www.apache.org/licenses/.

Terms and Conditions: Refer section 5.2.29

3.32 axTLS - 1.1.8

Copyright © 2005.2. Cameron Rich.

Terms and Conditions: Refer section 5.2.32

3.33 Action - 0.1.1

Home Page: http://repo1.maven.org/maven2/com/ning/metrics.action/

License: Apache License 2.0

3.34 Android - platform - frameworks − base - 4.0.1_r1

Home Page: http://developer.android.com/index.html

License: Apache License 2.0

3.35 Android - platform - prebuilts – sdk - 4.4_r1

Home Page: http://developer.android.com/index.html

License: Apache License 2.0

3.36 Android SDK Support Libraries – 19,23.1.1

Home Page: https://developer.android.com/tools/support-library/index.html

License: Apache License 2.0

3.37 Android SDK Support Libraries

Drools:: Scorecards - 5.5.0.Final

Home Page : http://mirrors.ibiblio.org/maven2/org/drools/drools-scorecards/

3.38 Mongolduu - master-20121109

Home Page: http://github.com/tugstugi/mongolduu/

License: Apache License 2.0

3.39 Stan-for-Android - 0.1.0

Home Page: http://github.com/Label305/Stan-for-Android/

License: Apache License 2.0

3.40 doT - 1.0.1

Home Page: http://github.com/olado/doT/

License: MIT License

3.41 JQuery: 2.0.3

Home Page: http://github.com/jquery/jquery/

License: MIT License

3.42 jquery_mobile_rails - 1.3.2

Home Page: http://rubygems.org/gems/jquery_mobile_rails

License: MIT License

3.43 SafeSlinger-Android - 1.8.3-messenger

Home Page: http://github.com/SafeSlingerProject/SafeSlinger-Android/

License: MIT License

3.44 OpenSSL

Home Page: http://www.openssl.org/

License: OpenSSL Combined License

3.45 CRC32

Home Page: http://web.mit.edu/

License: Public Domain

3.46 SHA-1 in C

Home Page: http://www.mirrors.wiretapped.net/security/cryptography/hashes/sha1

License: Public Domain

3.47 SyncML C Toolkit - 4.0.3

Home Page: http://sourceforge.net/projects/syncml-ctoolkit/

License: SyncML License

3.48 CMarkup - 11.05

License: Acquired Cmarkup developer license

3.49 Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56xx Microcontrollers - 2.10 special edition

License: Acquired commercial license

3.50   LZO real-time data compression library - 2.04

Home Page http://www.oberhumer.com/opensource/lzo/
License: Acquired commercial license

3.51   UCL Data Compression Library - 1.03

Home Page: http://www.oberhumer.com/opensource/ucl/
License: Acquired commercial license

3.52   Android - platform - bootable – recovery - 4.0.1_r1

Home Page: http://developer.android.com/index.html
License: Apache License 2.0

3.53   Android - platform - bootable – recovery - 5.0.0_r1

Home Page: http://developer.android.com/index.html
License: Apache License 2.0

3.54   Android - platform - bootable – recovery - 2.3_r1

Home Page: http://developer.android.com/index.html
License: Apache License 2.0

3.55   Android - platform - system – core - 4.2

Home Page: http://developer.android.com/index.html
License:

3.56   File system in Userspace - 2.8.7

Home Page: http://sourceforge.net/projects/fuse/
License: BSD 2-clause "Simplified" License

3.57   lz4 Compression algorithm - r111

Home Page: http://code.google.com/p/lz4/
License: BSD 2-clause "Simplified" License

3.58   Android -platform - system - core/libmincrypt

Home Page: ttps://android.googlesource.com/platform/system/core/+/master/libmincrypt

License: BSD 3-clause "New" or "Revised" License

3.59   lucy search engine – lucy - 0.6.0

Home Page: http://sourceforge.net/projects/lucy-search/
    License: BSD 3-clause "New" or "Revised" License

3.60   NetBSD - 1.4

Home Page: http://www.netbsd.org/
License: BSD 3-clause "New" or "Revised" License

3.61   Open BSD - 4.5

Home Page: http://www.openbsd.org
License: BSD 3-clause "New" or "Revised" License

3.62   Bsdiff - 4.3

Home Page: http://github.com/geraldonetto/bsdiff/
Home Page: http://www.daemonology.net/bsdiff/
License: BSDiff license

3.63   GNU C Library – glibc - 2.2.4

Home Page: http://www.gnu.org/software/libc/libc.html
We use only content from the header file elf.h.
License: GNU General Public License v2.0 or later

3.64   IGEP Linux Kernel - 2.6.28.10-igep0020b-0

Home Page: http://www.igep.es/
License: GNU General Public License v2.0 or later

3.65   squashfs - a compressed fs for Linux - squashfs4.3

Home Page: http://sourceforge.net/projects/squashfs/
We use only content from header files.
License: GNU General Public License v2.0 or later

3.66   File system in User space - 2.9.3

Home Page: http://sourceforge.net/projects/fuse/

License: GNU Lesser General Public License v2.1 or later

3.67   Libdivsufsort - 2.0.0

Home Page: http://code.google.com/p/libdivsufsort/
License: MIT License

3.68   Test-SQLite-blob - trunk-20120916-svn

Home Page: http://code.google.com/p/test-sqlite-blob/
License: MIT License

3.69   Zip - LZMA SDK - 9.2

Home Page: http://www.7-zip.org/sdk.html
License: Public Domain

3.70   7-Zip - 7-Zip -3.11

Home Page: http://sourceforge.net/projects/sevenzip/
License: Public Domain

3.71   CRC32 MIT.edu

Home Page: http://web.mit.edu/freebsd/head/sys/libkern/
License: Public Domain

3.72   XZ Utils -5.0.7

Home Page: http://tukaani.org/xz/

License identified by header files comments. Copyright holders put it in the public domain.

License: Public Domain

3.73   Zlib - 1.2.3

Home Page http://www.zlib.net

License: zlib License

3.74   Android - platform – dalvik - 2.1_r1

Home Page: http://developer.android.com/index.html

License: Apache License 2.0

3.75   Gpclib

http://github.com/rdpeng/gpclib/

Commercial License

Copyright: (C) 1997-2004, Advanced Interfaces Group, University of Manchester.

This software is free for non-commercial use. It may be copied, modified, and redistributed provided that this copyright notice is preserved on all copies. The intellectual property rights of the algorithms used reside with the University of Manchester Advanced Interfaces Group. You may not use this software, in whole or in part, in support of any commercial product without the express consent of the author. There is no warranty or other guarantee of fitness of this software for any purpose. It is provided solely "as is".

3.76   Anti-Grain Geometry

Version Unspecified

http://sourceforge.net/projects/vector-agg/

Copyright (C) 2002-2005 Maxim Shemanarev (http://www.antigrain.com)

Anti-Grain Geometry Public License

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.

3.77   Android - platform - frameworks – base

Version android-7.0.0_r1

https://android.googlesource.com/platform/frameworks/base

Copyright (C) 2015 The Android Open Source Project

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.

3.78 Android - platform - frameworks – base

Version Unspecified

https://android.googlesource.com/platform/frameworks/base

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.

3.79 Boost C++ Libraries – boost

Version Unspecified

http://boost.org/

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 thirdparties 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 machineexecutable 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.

3.80 gecko-dev

Unspecified

http://github.com/mozilla/gecko-dev/

Copyright (C) 2002 Jean-Marc Valin

BSD 3-clause "New" or "Revised" License

3.81 libogg

Unspecified

http://xiph.org/ogg/

Copyright (c) 2002, Xiph.org Foundation

BSD 3-clause "New" or "Revised" License

3.82 Opus

Unspecified

http://opus-codec.org

Copyright (c) 2007-2008 CSIRO

Copyright (c) 2007-2010 Xiph.Org Foundation

Copyright (c) 2008 Gregory Maxwell

BSD 3-clause "New" or "Revised" License

3.83 Speex

.2beta2 dev

http://www.speex.org/

BSD 3-clause "New" or "Revised" License

3.84 Wosh

Unspecified

http://code.google.com/p/wosh/

Copyright (C) 2002 Michael Ringgaard. All rights reserved.

BSD 3-clause "New" or "Revised" License

3.85 Jsoncpp

Version

Unspecified

http://sourceforge.net/projects/jsoncpp/

Baptiste Lepilleur and The JsonCpp Authors explicitly disclaim 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 The JsonCpp Authors, 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.

3.86 libxml2

Version

Unspecified

http://xmlsoft.org/ MIT License

3.87 pugixml

Version

 Unspecified

http://pugixml.org/

Copyright (c) 2006-2018 Arseny Kapoulkine

MIT License

3.88 SQLite

Version Unspecified

http://www.sqlite.org/

Public Domain

3.89 Sunrise/set calculator

Version Unspecified

https://stjarnhimlen.se/comp/sunriset.c

Public Domain

3.90 tiny-AES128-C

Version master-20141218

http://github.com/kokke/tiny-AES128-C/

Public Domain

3.91 PVRTC Library

Version Unspecified

https://www.imgtec.com/developers/powervr-sdk-tools/installers/

copyright unknown

License Unspecified

3.92 GSM 06.10 Lossy Speech Compression

Version Unspecified

http://kbs.cs.tu-berlin.de/~jutta/toast.html

Copyright 1992, 1993, 1994 by Jutta Degener and Carsten Bormann, Technische Universitaet Berlin

https://github.com/timothytylee/libgsm/blob/master/COPYRIGHT

Technical University of Berlin GSM License

Any use of this software is permitted provided that this notice is not removed and that neither the authors nor the Technische Universitaet Berlin are deemed to have made any representations as to the suitability of this software for any purpose nor are held responsible for any defects of this software. THERE IS ABSOLUTELY NO WARRANTY FOR THIS SOFTWARE.

As a matter of courtesy, the authors request to be informed about uses this software has found, about bugs in this software, and about any improvements that may be of general interest.

Berlin, 28.11.1994 Jutta Degener Carsten Bormann

oOo

Since the original terms of 15 years ago maybe do not make our intentions completely clear given today's refined usage of the legal terms, we append this additional permission:

   Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that this notice is not removed and that neither the authors nor the Technische Universitaet Berlin are deemed to have made any representations as to the suitability of this software for any purpose nor are held responsible for any defects of this software. THERE IS ABSOLUTELY NO WARRANTY FOR THIS SOFTWARE.

Berkeley/Bremen, 05.04.2009 Jutta Degener Carsten Bormann

3.93 Curl and Libcurl

Version Unspecified

http://github.com/curl/curl/

Copyright (C) 1998 - 2011, Daniel Stenberg, <daniel@haxx.se>, et al.

curl License

3.94 aladdin-md5

Version Unspecified

https://opensource.apple.com/source/cups/cups-30/cups/md5.h.auto.html

Copyright (C) 1999 Aladdin Enterprises. All rights reserved

zlib License

3.95 OpenGL-Examples

Version master-20141123

http://github.com/progschj/OpenGL-Examples/

Copyright (c) 2012 Jakob Progsch

zlib License

3.96 SDL

Version 2.0

http://www.libsdl.org/index.php

Copyright (C) 1997-2016 Sam Lantinga <slouken@libsdl.org>

zlib License

3.97 SDL_gfx

Version Unspecified

http://sourceforge.net/projects/sdlgfx/

Copyright unknown

zlib License

3.98 Zlib

Version 1.2.11 http://www.zlib.net/

zlib License

3.99 Pkgconf

Version Unspecified

http://github.com/pkgconf/pkgconf/

Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>

ISC License

3.100 Code Project - C++ Memory Pool

Version 1.0

http://www.codeproject.com/KB/cpp/MemoryPool.aspx

The Code Project Open License (CPOL) 1.02

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CODE PROJECT OPEN LICENSE ("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 HEREIN, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE AUTHOR GRANTS YOU THE RIGHTS CONTAINED HEREIN IN

CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS. IF YOU DO NOT AGREE TO ACCEPT AND BE BOUND BY THE TERMS OF THIS LICENSE, YOU CANNOT MAKE ANY USE OF THE WORK.

1.Definitions. a."Articles" means, collectively, all articles written by Author which describes how the Source Code and Executable Files for the Work may be used by a user. b."Author" means the individual or entity that offers the Work under the terms of this License. c."Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works. d."Executable Files" refer to the executables, binary files, configuration and any required data files included in the Work. e."Publisher" means the provider of the website, magazine, CD-ROM, DVD or other medium from or by which the Work is obtained by You. f."Source Code" refers to the collection of source code and configuration files used to create the Executable Files. g."Standard Version" refers to such a Work if it has not been modified, or has been modified in accordance with the consent of the Author, such consent being in the full discretion of the Author. h."Work" refers to the collection of files distributed by the Publisher, including the Source Code, Executable Files, binaries, data files, documentation, whitepapers and the Articles. i."You" is you, an individual or entity wishing to use the Work and exercise your rights under this License.

2.Fair Use/Fair Use Rights. Nothing in this License is intended to reduce, limit, or restrict any rights arising from fair use, fair dealing, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws. 3.License Grant. Subject to the terms and conditions of this License, the Author 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.You may use the standard version of the Source Code or Executable Files in Your own applications. b.You may apply bug fixes, portability fixes and other modifications obtained from the Public Domain or from the Author. A Work modified in such a way shall still be considered the standard version and will be subject to this License. c.You may otherwise modify Your copy of this Work (excluding the Articles) in any way to create a Derivative Work, provided that You insert a prominent notice in each changed file stating how, when and where You changed that file. d.You may distribute the standard version of the Executable Files and Source Code or Derivative Work in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution. e.The Articles discussing the Work published in any form by the author may not be distributed or republished without the Author's consent. The author retains copyright to any such Articles. You may use the Executable Files and Source Code pursuant to this License but you may not repost or republish or otherwise distribute or make available the Articles, without the prior written consent of the Author. Any subroutines or modules supplied by You and linked into the Source Code or Executable Files of this Work shall not be considered part of this Work and will not be subject to the terms of this License. 4.Patent License. Subject to the terms and conditions of this License, each Author 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, import, and otherwise transfer the Work.

5.Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions: a.You agree not to remove any of the original copyright, patent, trademark, and attribution notices and associated disclaimers that may appear in the Source Code or Executable Files. b.You agree not to advertise or in any way imply that this Work is a product of Your own. c.The name of the Author may not be used to endorse or promote products derived from the Work without the prior written consent of the Author. d.You agree not to sell, lease, or rent any part of the Work. This does not restrict you from including the Work or any part of the Work inside a larger software distribution that itself is being sold. The Work by itself, though, cannot be sold, leased or rented. e.You may distribute the Executable Files and Source Code only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy of the Executable Files or Source Code You distribute and ensure that anyone receiving such Executable Files and Source Code agrees that the terms of this License apply to such Executable Files and/or Source Code. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute the Executable Files or Source Code with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License. f.You agree not to use the Work for illegal, immoral or improper purposes, or on pages containing illegal, immoral or improper material. The Work is subject to applicable export laws. You agree to comply with all such laws and regulations that may apply to the Work after Your receipt of the Work.

6.Representations, Warranties and Disclaimer. THIS WORK IS PROVIDED "AS IS", "WHERE IS" AND "AS AVAILABLE", WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OR GUARANTEES. YOU, THE USER, ASSUME ALL RISK IN ITS USE, INCLUDING COPYRIGHT INFRINGEMENT, PATENT INFRINGEMENT, SUITABILITY, ETC. AUTHOR EXPRESSLY DISCLAIMS ALL EXPRESS, IMPLIED OR STATUTORY WARRANTIES OR CONDITIONS, INCLUDING WITHOUT LIMITATION, WARRANTIES OR CONDITIONS OF MERCHANTABILITY, MERCHANTABLE QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF TITLE OR NON-INFRINGEMENT, OR THAT THE WORK (OR ANY PORTION THEREOF) IS CORRECT, USEFUL, BUG-FREE OR FREE OF VIRUSES. YOU MUST PASS THIS DISCLAIMER ON WHENEVER YOU DISTRIBUTE THE WORK OR DERIVATIVE WORKS. 7.Indemnity. You agree to defend, indemnify and hold harmless the Author and the Publisher from and against any claims, suits, losses, damages, liabilities, costs, and expenses (including reasonable legal or attorneys' fees) resulting from or relating to any use of the Work by You. 8.Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL THE AUTHOR OR THE PUBLISHER 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 OR OTHERWISE, EVEN IF THE AUTHOR OR THE PUBLISHER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. 9.Termination. a.This License and the rights granted hereunder will terminate automatically upon any breach by You of any term of this License. Individuals or entities who have received Derivative Works 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, 6, 7, 8, 9, 10 and 11 will survive any termination of this License.

b.If You bring a copyright, trademark, patent or any other infringement claim against any contributor over infringements You claim are made by the Work, your License from such contributor to the Work ends automatically.

c.Subject to the above terms and conditions, this License is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, the Author 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.

10.Publisher. The parties hereby confirm that the Publisher shall not, under any circumstances, be responsible for and shall not have any liability in respect of the subject matter of this License. The Publisher makes no warranty whatsoever in connection with the Work and shall 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. The Publisher reserves the right to cease making the Work available to You at any time without notice 11.Miscellaneous a.This License shall be governed by the laws of the location of the head office of the Author or if the Author is an individual, the laws of location of the principal place of residence of the Author. b.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 License, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable. c.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. d.This License constitutes the entire agreement between the parties with respect to the Work licensed herein. There are no understandings, agreements or representations with respect to the Work not specified herein. The Author 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 Author and You.

3.101   OpenSSL

Version 1.0.2 http://www.openssl.org
OpenSSL Combined License

3.102   Alsa Libraries

Version Unspecified

http://www.alsa-project.org/

GNU Lesser General Public License v2.1 or later

3.103   Gstreamer

Version Unspecified

http://gstreamer.freedesktop.org/modules/

GNU Library General Public License v2 or later

3.104 Wapiti (Public Domain)

Copyright (c) 2009-2013 CNRS

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.

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.

3.105 PCRE 5.0 (Public Domain)

PCRE LICENCEPCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possibleto those of the Perl 5 language.Release 5 of PCRE is distributed under the terms of the ""BSD"" licence, as specified below. The documentationfor PCRE, supplied in the ""doc"" directory, is distributed under the same terms as the software itself.The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are bothoptional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONSWritten by: Philip HazelEmail local part: ph10Email domain: cam.ac.ukUniversity of Cambridge Computing Service,Cambridge, England.Copyright (c) 1997-2011 University of CambridgeAll rights reserved.PCRE JUST-IN-TIME COMPILATION SUPPORTWritten by: Zoltan HerczegEmail local part: hzmesterEmain domain: freemail.huCopyright(c) 2010-2011 Zoltan HerczegAll rights reserved.STACK-LESS JUST-IN-TIME COMPILERWritten by: Zoltan Herczeg

Email local part: hzmesterEmain domain: freemail.huCopyright(c) 2009-2011 Zoltan HerczegAll rights reserved.THE C++ WRAPPER FUNCTIONSContributed by: Google Inc.Copyright (c) 2007-2011, Google Inc.All rights reserved.THE ""BSD"" LICENCERedistribution and use in source and binary forms, with or without modification, are permitted provided that thefollowing conditions are met:•Redistributions of source code must retain the above copyright notice, this list of conditions and the followingdisclaimer.•Redistributions in binary form must reproduce the above copyright notice, this list of conditions and thefollowing 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 theircontributors may be used to endorse or promote products derived from this software without specific priorwritten 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 IMPLIEDWARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AREDISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FORANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSSOF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANYTHEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDINGNEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

3.106   RSA MD5 (Public Domain)

RSA Data Security MD5 cryptographic primitiveshttp://userpages.umbc.edu/~mabzug1/cs/md5/md5.htmlCopyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5Message-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 fromthe RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing thederived work.RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or thesuitability of this software for any particular purpose. It is provided "as is" without express or implied warranty ofany kind.These notices must be retained in any copies of any part of this documentation and/or software.

3.107   Kazlib (Public Domain)

Kaz Free Software LicenseCopyright (C) 1999 Kaz Kylheku <kaz@ashi.footprints.net>Free Software License:All rights are reserved by the author, with the following exceptions:Permission is granted to freely reproduce and distribute this software, possibly in exchange for a fee, providedthat this copyright notice appears intact. Permission is also granted to adapt this software to produce derivativeworks, as long as the modified versions carry this copyright notice and additional notices stating that the work hasbeen modified. This source code may be translated into executable form and incorporated into proprietarysoftware; there is no requirement for such software to contain a copyright notice related to this source.Reusable components for C Programminghttp://savannah.nongnu.org/projects/kazlib

3.108 Doug Lea heap (Public Domain)

Used by the external heap component if requested.This is a version (aka dlmalloc) of malloc/free/realloc written by Doug Lea and releasedto the public domain, as explained at http://creativecommons.org/licenses/publicdomain.Send questions, comments, complaints, performance data, etc to dl@cs.oswego.edu•Version 2.8.3 Thu Sep 22 11:16:15 2005 Doug Lea (dl at gee)

3.109 zlib (Public Domain)

The 'zlib' general purpose compression libraryversion 1.2.6, January 29th, 2012Copyright (C) 1995-2012 Jean-loup Gailly and Mark AdlerThis software is provided 'as-is', without any express or implied warranty. In no event will the authors be heldliable 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 toalter 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 butis not required.2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the originalsoftware.3. This notice may not be removed or altered from any source distribution.

3.110 CURL version 7.16.0 (Public Domain)

COPYRIGHT AND PERMISSION NOTICECopyright (c) 1996 - 2012, Daniel Stenberg, <daniel@haxx.se>.All rights reserved.Permission to use, copy, modify, and distribute this software for any purpose with or without fee is herebygranted, provided that the above copyright notice and this permission notice appear in all copies.THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS ORIMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESSFOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENTSHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OROTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISINGFROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS INTHE SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise topromote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.URL dynamic access libraryhttp://curl.haxx.se/libcurl/Needed for SSML functionalities (may be stripped down by appropriate build script configuration)

3.111 EXPAT (Public Domain)

Thai Open Source Software Centerexpat-1.95.8ExecutableCopyright (c) 1998, 1999, 2000 Thai Open Source Software Center LtdPermission is hereby granted, free of charge, to any person obtaining a copy of this software and associateddocumentation files (the ""Software""), to deal in the Software without restriction, including without limitationthe rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and topermit 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 theSoftware.THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS ORIMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESSFOR A PARTICULAR PURPOSE

AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS ORCOPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHERIN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR INCONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.XML Parser Toolkithttp://expat.sourceforge.net/Needed for SSML functionalities (may be stripped down by appropriate build script configuration)

4 Licensing, copyright, acknowledgements, and modifications

This section contains the licenses and copyright notices for the open source software used by other open source *dependencies*.

4.1 X Windows

Multiple copyright notices apply to X Windows, as follows.

4.1.1 The Open Group

Copyright 1985.2., 1988, 1989, 1998 The Open Group (miregion.cxx)

Copyright 1985.2., 1998 The Open Group (miregion.h and regionstr.h)

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.

4.1.2 Digital Equipment Corporation

Copyright 1985.2., 1988, 1989 by Digital Equipment Corporation, Maynard, Massachusetts (myregion.cxx)

Copyright 1985.2. by Digital Equipment Corporation, Maynard, Massachusetts (myregion.h and regionstr.h)

 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.

4.1.3 Digital Equipment Corporation - Panoramix components

Copyright (c) 1991, 1995.2. Digital Equipment Corporation, Maynard, Massachusetts.

Permission is hereby granted free of charge, to any person obtaining a copy of this software and associated documentation files (The "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.

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 DIGITAL EQUIPMENT

CORPORATION BE LIABLE FOR ANY CLAIM, DAMAGES, INCLUDING, BUT NOT LIMITED TO

CONSEQUENTIAL OR INCIDENTAL 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 Digital Equipment Corporation shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from Digital Equipment Corporation.

4.2 Zlib

Acknowledgements:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

Copyright notice:

(C) 1995-2002 and 1995-2005 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

If you use the zlib library in a product, we would appreciate not receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include third-party code.

If you redistribute modified sources, we would appreicate that you include in the file ChangeLog history information documenting your changes.

4.3 OpenSSL

Multiple copyright notices apply to OpenSSL, as follows:

4.3.1 The OpenSSL Project

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 opensslcore@openssl.org. OpenSSL License

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

Copyright (c) 1998-2011 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 opensslcore@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).

Note: This is the end of the license. The file then includes the "Original SSLeay License", which is provided in section 5.2.1.3.2.

4.3.2 Eric Young

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

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 Netscape's SSL.

This library is free for commercial and non-commercial use as long as the following conditions are adhered 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 routines 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.]

4.3.3 RealVNC modifications to OpenSSL

RealVNC has made the following modifications to OpenSSL 0.9.8zf:

▪   The hard-coding of config options in opensslconf.h.

▪   The addition of compile-times to remove dependencies of the C stio library and on Win32 UI.

▪   The addition of compile-time checks to remove filename strings from release binaries.

4.4   SHA

Multiple copyright notices apply to SHA, as follows:

4.4.1 Dr Brian Gladman

This distribution includes cryptographic code by Dr Brian Gladman:

Copyright (c) 2002 Dr Brian Gladman, Worcester, UK. All rights reserved.

LICENSE TERMS

The free distribution and use of this software in both source and binary form is allowed (with or without changes) provided that:

1. distributions of this source code include the above copyright notice, this list of conditions and the following disclaimer;

2. distributions in binary form include the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other associated materials;

3. the copyright holder's name is not used to endorse products built using this software without specific written permission.

ALTERNATIVELY, provided that this notice is retained in full, this product may be distributed under the terms of the GNU General Public License (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

4.4.2 Cameron Rich

This product contains code for SHA1 provided by: - Copyright (c) 2005.2., Cameron Rich 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 axTLS 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 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.

4.5 AES

This product contains code for AES provided by: -

Copyright (c) 1998-2008, Dr Brian Gladman, Worcester, UK. All rights reserved.

LICENSE TERMS

The free distribution and use of this software in both source and binary form is allowed (with or without changes) provided that:

1. distributions of this source code include the above copyright notice, this list of conditions and the following disclaimer;

2. distributions in binary form include the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other associated materials;

3. the copyright holder's name is not used to endorse products built using this software without specific written permission.

ALTERNATIVELY, provided that this notice is retained in full, this product may be distributed under the terms of the GNU General Public License (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

4.6 EAX

Copyright (c) 1998-2010, Brian Gladman, Worcester, UK. All rights reserved.

 LICENSE TERMS

The redistribution and use of this software (with or without changes) is allowed without the payment of fees or royalties provided that:

1. source code distributions include the above copyright notice, this list of conditions and the following disclaimer;

2. binary distributions include the above copyright notice, this list of conditions and the following disclaimer in their documentation;

3. the name of the copyright holder is not used to endorse products built using this software without specific written permission.

DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

4.7 libjpeg-turbo

Extensive information on libjpeg-turbo can be found at http://sourceforge.net/projects/libjpeg-turbo/. The source contains a version of the libjpeg license, preceded by the following paragraph:

libjpeg-turbo mmnote: ##This## file contains portions of the libjpeg v6b and v8 README files, with additional wordsmithing by The libjpeg-turbo Project. It is included only for reference, as some parts of it may not apply to libjpeg-turbo. Please see README-turbo.txt for information specific to libjpeg-turbo.

The extensive file, README-turbo.txt, which can be found in the source code retrieved from the above URL, contains the following license information:

LICENSE

Most of libjpeg-turbo inherits the non-restrictive, BSD-style license used by libjpeg (see README.) The

TurboJPEG/OSS wrapper (both C and Java versions) and associated test programs bear a similar license, which is reproduced below:

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.

For licensing information on libjpeg itself, see section **Error**

! Reference source not found.

4.8 Expat

This distribution includes the Expat XML Parser library:

Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd

and Clark Cooper

Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.

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.

4.9 Libpng

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 1.2.52, November 20, 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 1.0.5.2., July 1, 2000, through 1.2.5, October 3, 2002, are Copyright (c) 2000-2002 Glenn RandersPehrson, 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 0.95.2., January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998, 1999, 2000 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 1995.2., are

Copyright (c) 1996, 1995.2. 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, thepng

 log (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
September 10, 2009

4.10 Libzip

The following copyrights apply to libzip.

4.10.1 Dieter Baron and Thomas Klausner (see the files **zip.h** and **zipint.h**):

Copyright (C) 1999-2008 Dieter Baron and Thomas Klausner

This file is part of libzip, a library to manipulate ZIP archives.

The authors can be contacted at <libzip@nih.at>

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 names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

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 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.

4.10.2 Free Software Foundation

Two copyright statements are included, as indicated below.

First statement (see the file INSTALL)**:**

Copyright (C) 1994, 1995, 1996, 1999, 2000, 2001, 2002 Free Software Foundation, Inc.

This file is free documentation; the Free Software Foundation gives unlimited permision to copy, distribute and modify it.

Second statement (see the file aclocal.m4)**:**

Copyright (C) 1996, 1995.2., 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2005.2., 2008 Free Software Foundation, Inc.

This file is free software; the Free Software Foundation g ives 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.

4.10.3 The Regents of the University of California **(see the file mkstemp.c)**:

Adapted from NetBSB libc by Dieter Baron

The Regents of the University of California. All rights reserved.

Copyright (c) 1985.2., 1993

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, BU 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 GOOS 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.

4.10.4 RealVNC modifications to libzip

The open source component used by *VNC Automotive* consists of the lib subdirectory of libzip 0.9, plus two variants on the corresponding config.h template. Three modifications have been made, as follows:

- libzip.vcproj has been added.

- On Windows, in libzip.h and zipint.h, no-op ZIP_EXTERN so that we build for linking statically.

- On Windows, in mkstemp.c, pid_t and S_ISDIR have been defined, and io.h and process.h included.

4.11 FreeType

The FreeType Project LICENSE 2006-Jan-25.2.

Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg.

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 © 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

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.

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:

▪ 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.

▪ 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.

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.

4.12 LodePNG

Copyright © 2005-2014 Lode Vandevenne

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.

4.13 GCC libstdc++

This is not in our source delivery, but is statically linked in to our binary deliveries from the specified version of GCC. See http://gcc.gnu.org/libstdc++ or http://gcc.gnu.org/releases.html for more information.

4.14 Keysymdef

Copyright 1985.2., 1994, 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 1985.2. 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.

4.15 Endian

Copyright (c) 2003, Dr Brian Gladman, Worcester, UK. All rights reserved.

LICENSE TERMS

The free distribution and use of this software in both source and binary form is allowed (with or without changes) provided that:

1. distributions of this source code include the above copyright notice, this list of conditions and the following disclaimer;

2. distributions in binary form include the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other associated materials;

3. the copyright holder's name is not used to endorse products built using this software without specific written permission.

ALTERNATIVELY, provided that this notice is retained in full, this product may be distributed under the terms of the GNU General Public LIcense (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

4.16 JRTPLIB

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.

4.17 JThread

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.

4.18 Portaudio

Provides cross-platform Audio I/O. See http://www.portaudio.com/ for further information.

PortAudio version 19 is licensed as follows:

PortAudio Portable Real-Time Audio Library Copyright (c) 1999-2011 Ross Bencina and Phil Burk

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 text above constitutes the entire PortAudio license; however, the PortAudio community also makes the following non-binding requests:

*   Any person wishing to distribute modifications to the Software is requested to send the modifications to the original developer so that they can be incorporated into the canonical version. It is also requested that these nonbinding requests be included along with the license above.

4.19 libxml2

Except where otherwise noted in the source code (e.g. the files hash.c, list.c and the trio files, which are covered by a similar licence but with different Copyright notices) all the files are:

Copyright (C) 1998-2012 Daniel Veillard. All Rights Reserved.

4.19.1 License

Copyright (C) 1998-2012 Daniel Veillard. 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 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.

4.19.2 hash.c

Copyright (C) 2000, 2012 Bjorn Reese and Daniel Veillard.

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.

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. THE AUTHORS AND CONTRIBUTORS ACCEPT NO RESPONSIBILITY IN ANY CONCEIVABLE MANNER.

4.19.3 list.c

Copyright (C) 2000 Gary Pennington and Daniel Veillard.

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.

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. THE AUTHORS AND CONTRIBUTORS ACCEPT NO RESPONSIBILITY IN ANY CONCEIVABLE MANNER.

4.19.4 trio.c, trio.h

Copyright (C) 1998 Bjorn Reese and Daniel Stenberg.

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.

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. THE AUTHORS AND CONTRIBUTORS ACCEPT NO RESPONSIBILITY IN ANY CONCEIVABLE MANNER.

4.19.5 RealVNC modifications to libxml2

This is libxml2-2.9.1. Some small changes have been made to allow it to build for QNX and Android.

4.20 Miniupnpc

A copyright notice is included within each file, and an additional license is provided.

4.20.1 Copyright notice

Project: miniupnp

Project web page: http://miniupnp.free.fre/ or http://miniupnp.tuxfamily.org/

Author: Thomas Bernard

Copyright (c) 2005-2011 Thomas Bernard

This software is subject to the conditions detailed in the LICENSE file provided within this distribution.

4.20.2 License

Copyright (c) 2005-2009, Thomas BERNARD

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 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 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.

4.20.3 RealVNC modifications

to miniupnpc The following modifications have

been made:

- Requests have been cancelled.
- MirrorLink-specific functionality has been added.
- Functionality specific to building for different hardware architectures has been added.

4.21 LibTomCrypt

LibTomCrypt, modular cryptographic library -- Tom St Denis

LibTomCrypt is a library that provides various cryptographic algorithms in a highly modular and flexible manner.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, http://libromcrypt.com

4.22 LibTomMath

LibTomMath, multiple-precision integer library -- Tom St Denis

LibTomMath is a library that provides multiple-precision integer arithmetic as well as number theoretic functionality.

The library was designed directly after the MPI library by Michael Fromberger but has been written from scratch with additional optimizations in place.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, http://math.libtomcrypt.com

4.23 Base64.java

I am placing this code in the Public Domain. Do with it as you will.

This software comes with no guarantees or warranties but with plenty of well-wishing instead!

Please visit http://iharder.net/base64 periodically to check for updates or to contribute improvements.

@author Robert Harder

@author rob@iharder.net

@version 2.3.5.2.

4.24 Internal Android OS APIs

Copyright 2005-2013, The Android Open Source Project

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.

4.25 ExtractMpegFramesTest.java

Copyright 2013, The Android Open Source Project

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.

4.26 libupnp (pupnp)

Copyright (c) 2000-2003 Intel Corporation. All rights reserved.

Copyright (c) 2005-2006 Rémi Turboult r3mi@users.sourceforge.net. All rights reserved.

Copyright (c) 2006 Michel Pfeiffer and others <virtual_worlds@gmx.de> Copyright

(c) 2011-2012 France Telecom. 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 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

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.

Othe portions of this library are:

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. & Digital

Equipment Corporation, Maynard, Mass.

Copyright (c) 1998 Microsoft.

To anyone who acknowledges that this file is provided "AS IS" without any express or implied warranty: permission to use, copy, modify, and distribute this file for any purpose is hereby granted without fee, provided that the above copyright notices and this notice appears in all source code copies, and that none of the names of Open Software Foundation, Inc., Hewlett-Packard Company, or Digital Equipment Corporation be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. Neither Open Software Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital Equipment Corporation makes any representations about the suitability of this software for any purpose.

Othe portions of this library are:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

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.

4.27 Libudev

Copyright © 2008-2010 Key Sievers <key.sievers@vrfy.org>

Copyright © 2009 Alan Jenkins <alan-jenkins@tuffmail.co.uk>

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.

On Ubuntu systems, the complete text of the GNU Lesser General Public License can be found in '/usr/share/common-licenses/LGPL-2.1'.

See also http://www.gnu.org/licenses/lgpl.html.

4.28 WPA Supplicant

Copyright © 2002-2014 Jouni Malinen <j@w1.fi> and contributors. 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(s) of the above-listed copyright holder(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 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.

4.28.1 RealVNC modifications to WPA Supplicant

RealVNC has applied the following patch:
http://w1.fi/cgit/hostap/patch/?id=f2b3acc9d5.2.b91fbaccfc9dd8d408252bda4f1be9 Copyright © 2002-2014 Jouni Malinen and contributors.

4.28.2 ath9k_faf1dc64_backport.patch

Copyright © 2014 Rajkumar Manoharan.

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.

4.28.3 python-psutil_2.1.3.bb

Copyright © 2012-2014 Otavio Salvador

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.

4.29 Android Support Libraries

Copyright (c) 2005-2008, The Android Open Source Project

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

These libraries are free software; you can redistribute them and/or modify then 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: http://www.gnu.org/licenses/lgpl.html.

4.30 VNC Wi-Fi Display i.MX6 sample decoder

The information in this section expands upon that summarized in section 6.2, *VNC Wi-Fi Display i.MX6 sample decoder*.

4.31 mxcfb.h

Copyright 2004-2010 Freescale Semiconductor, Inc. All Rights Reserved.

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 02111-1305.2. USA

4.32 axTLS

axTLS Embedded SSL License

axTLS uses a BSD style license:

Copyright (c) 2005.2., Cameron

Rich 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 axTLS 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 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.

4.33 RealVNC modifications to axTLS

Some unwanted type and function definitions have been removed.

5 Node Modules Components

Name of OSS Component	Version of OSS Component	Name and Version of License	Home page
buffer-crc32	0.2.5	MIT	https://github.com/brianloveswords/buffer-crc32
dbus-native	0.2.0	MIT	https://github.com/sidorares/node-dbus
dbus-proxy	0.0.0-unreleasable	NA	NA
abstract-socket	1.1.0	MIT	https://github.com/saghul/node-abstractsocket

bindings	1.2.1	MIT	https://github.com/TooTallNate/node-bindings
nan	2.4.0	MIT	https://github.com/nodejs/nan#readme
1to2	1.0.0	MIT	NA
event-stream	3.3.4	MIT	http://github.com/dominictarr/event-stream
duplexer	0.1.1	MIT	https://github.com/Raynos/duplexer
from	0.1.3	MIT	https://github.com/dominictarr/from
map-stream	0.1.0	NA	http://github.com/dominictarr/map-stream
pause-stream	0.0.11	MIT, Apache2	https://github.com/dominictarr/pause-stream
split	0.3.3	MIT	http://github.com/dominictarr/split
stream-combiner	0.0.4	MIT	https://github.com/dominictarr/stream-combiner
through	2.3.8	MIT	https://github.com/dominictarr/through
put	0.0.6	MIT/X11	https://github.com/substack/node-put
xml2js	0.1.14	NA	https://github.com/Leonidas-from-XIV/node-xml2js
sax	1.2.1	ISC	https://github.com/isaacs/sax-js#readme
iconv-lite	0.4.15	MIT	https://github.com/ashtuchkin/iconv-lite
jbinary	2.1.2	MIT	https://github.com/jDataView/jBinary
es6-promise	2.0.1	MIT	NA
es6-promise	2.0.1	MIT	https://github.com/jakearchibald/ES6-Promises
jdataview	2.5.0	WTFPL	http://jDataView.github.io/
request	2.53.0	Apache-2.0	https://github.com/request/request
aws-sign2	0.5.0	NA	https://github.com/mikeal/aws-sign
bl	0.9.4	MIT	https://github.com/rvagg/bl
readable-stream	1.0.33	MIT	https://github.com/isaacs/readable-stream
core-util-is	1.0.1	MIT	https://github.com/isaacs/core-util-is
inherits	2.0.1	ISC	https://github.com/isaacs/inherits
isarray	0.0.1	MIT	https://github.com/juliangruber/isarray
string_decoder	0.10.31	MIT	https://github.com/rvagg/string_decoder
caseless	0.9.0	BSD	https://github.com/mikeal/caseless
combined-stream	0.0.7	NA	https://github.com/felixge/node-combined-stream
delayed-stream	0.0.5	NA	https://github.com/felixge/node-delayed-stream
forever-agent	0.5.2	NA	https://github.com/mikeal/forever-agent
form-data	0.2.0	MIT	https://github.com/felixge/node-form-data
async	0.9.0	MIT	https://github.com/caolan/async
hawk	NA	./LICENSE	NA

hawk	2.3.1	BSD	https://github.com/hueniverse/hawk
boom	2.6.1	BSD	https://github.com/hapijs/boom
cryptiles	2.0.4	BSD	https://github.com/hapijs/cryptiles
hoek	2.11.0	BSD	https://github.com/hapijs/hoek
sntp	1.0.9	BSD	https://github.com/hueniverse/sntp
http-signature	0.10.1	MIT	https://github.com/joyent/node-http-signature/
asn1	0.1.11	NA	NA
assert-plus	0.1.5	NA	https://github.com/mcavage/node-assert-plus
ctype	0.5.3	NA	https://github.com/rmustacc/node-ctype
isstream	0.1.1	MIT	https://github.com/rvagg/isstream
json-stringify-safe	5.0.0	BSD	https://github.com/isaacs/json-stringify-safe
mime-types	2.0.9	MIT	https://github.com/jshttp/mime-types
mime-db	1.7.0	MIT	https://github.com/jshttp/mime-db
node-uuid	1.4.2	MIT	https://github.com/broofa/node-uuid
oauth-sign	0.6.0	NA	https://github.com/mikeal/oauth-sign
qs	2.3.3	BSD	https://github.com/hapijs/qs
stringstream	0.0.4	MIT	https://github.com/mhart/StringStream
tough-cookie	0.12.1	MIT	https://github.com/goinstant/tough-cookie
punycode	1.3.2	MIT	https://mths.be/punycode
tunnel-agent	0.4.0	NA	https://github.com/mikeal/tunnel-agent
mkdirp	0.5.0	MIT	https://github.com/substack/node-mkdirp
minimist	0.0.8	MIT	https://github.com/substack/minimist
xml2js	0.4.5	MIT	https://github.com/Leonidas-from-XIV/node-xml2js
sax	0.6.1	BSD	https://github.com/isaacs/sax-js
xmlbuilder	2.5.1	MIT	http://github.com/oozcitak/xmlbuilder-js
lodash	3.1.0	MIT	https://lodash.com/

6 Apertis Open-Source Components.

Sl. No.	Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	More Information

1.	Acl	2.2.53-4co1bv2019.0b1	**LGPL-2.1+** Other licenses: FSF Public-domain X11 GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception	Copyright © 2011 Andreas Gruenbacher Copyright 1992-2018 Free Software Foundation, Inc. Copyright © 2018 Silicon Graphics, Inc.
2.	Apertis pro-archiv e-keyrin g	0.2rb1bv2020.0b1	**GPL-2.0+**	Copyright: 2012 RBEI Ltd.
3.	Appar mor	2.13.2-10co2bv2020preb3	**GPL-2.0** Other licenses: LGPL-2.1 Public-domain X11 MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause	Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c) 1999, 2000, 2001, 2002, 2003 2004, 2005, 2006, 2007 NOVELL (All rights reserved) Copyright (C) 2013 Kshitij Gupta Copyright (C) 2009 John Dong Copyright (C) 2009 Dulmandakh Sukhbaatar Copyright (C) 2007 Andreas Gruenbacher Copyright (C) 2006 Volker Kuhlmann Copyright (C) 2006 SuSE Linux Products GmbH, Nuernberg Copyright (C) 1994 X Consortium Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
4.	Attr	2.4.48-4co1bv2019.0b1	**LGPL-2.1+** Other licenses: GPL-2.0+ FSF Public-domain X11	Copyright (C) 2007 Andreas Gruenbacher <a.gruenbacher@computer.org> Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2001-2003,2005 Silicon Graphics, Inc. All Rights Reserved. Copyright (C) 2015 Dmitry V. Levin Copyright (C) 2008 Petr Pisar Copyright (C) 2007 Antonio Trueba

				Copyright (C) 2005 Guilhelm Panaget Copyright (C) 2004-2015 Free Software Foundation, Inc. Copyright (C) 2004, 2005 Jakub Bogusz Copyright (C) 2004 Luk Claes Copyright (C) 1994 X Consortium Copyright (C) 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper
5.	Audit	2.8.4-3bv2020preb2	**GPL-2.0 only** **LGPL-2.1 only** <u>Other licenses:</u> X11 Public-domain MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception FSFUL	**Dual License - GPl v2 or later & BSD - 2 Clause** Copyright 2014,2016,2017 Red Hat Inc., Durham, North Carolina. Copyright 2008 FUJITSU Inc. Copyright 2005-18 Steve Grubb Copyright 1992-2017 Free Software Foundation, Inc. Copyright (©) 2011 Emanuele Giaquinta All rights reserved. Copyright (©) 2009-2015 Marc Alexander Lehmann Copyright (c) 2015 Steve Grubb sgrubb@redhat.com Copyright (c) 2011 IBM Corp. All Rights Reserved. Copyright (C) 1994 X Consortium
6.	base-files	10.3+deb10u3co4~v2020.0bv2020.0b1	**GPL-2.0+** <u>Other licenses:</u> MPL-2.0 LGPL-2.1+ LGPL-2.0+ GFDL-1.3 CC0-1.0 BSD-3-Clause Artistic-1.0-Perl Apache-2.0 GPL-2.0+ GPL-1.0+	Copyright (C) 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc.
7.	base-passwd	3.5.46co1bv2019.0b1	**GPL-2.0+** <u>Other licenses:</u> GPL-2.0	Copyright: Copyright 1999-2002 Wichert Akkerman Copyright 2007 David Mandelberg Copyright 2002, 2003, 2004, 2005, 2007 Colin Watson Copyright 2002, 2003, 2004 Colin Watson Copyright 2001, 2002 Joey HessCopyright (C) of this file 2014 Chris Leick Copyright (C) Helge Kreutzmann. Copyright (C) 2010 Software in the Public Interest

				Copyright (C) 2010 Free Software Foundation, Inc. Copyright (C) 2004 Nicolas FRANCOIS
8.	Coreut ils	6.9-0co11ba1	**GPL-2.0+** Other licenses: Public-domain GPL V2 or later with autoconf exception GPL-2.0 BSD-3-Clause GFDL-1.2 ISC FSF X11 LGPL-2.1+ GPL V2 or later with bison exception GPL V2 or later with texinfo exception FSFUL	Copyright 1991-2004 Miquel van Smoorenburg Copyright 1989, 1991-2016 Free Software Foundation, Inc. Copyright (c) 1996-1999 by Internet Software Consortium. Copyright (c) 1990, 1993, 1994 The Regents of the University of California. All rights reserved. Copyright (C) 2004, 2006 Simon Josefsson Copyright (C) 2000-2005 Pavel Roskin; Initially written by Tom Tromey Completely rewritten by Pavel Roskin Copyright (C) 1997, 1998, 1999 Colin Plumb. Copyright (C) 1995-1997, 2000-2006 by Ulrich Drepper Copyright (C) 1994, 1995, 1997, 1998, 1999, 2000 H. Peter Anvin Copyright (C) 1994 X Consortium Copyright (C) 1984 David M. Ihnat
9.	dash	0.5.10.2-5co1bv2019.0b1	**BSD-3-Clause** Other licenses: GPL-2.0+ Public-domain GPL V2 or later with autoconf exception X11 FSFUL	Copyright (c) 2007 Herbert Xu Copyright (c) 1997 Christos Zoulas. Copyright (c) 1995 The Regents of the University of California. Copyright (C) 2012 Free Software Foundation, Inc. Copyright (C) 2011 Zlatan Todoric. Copyright (C) 2009 Martin Bagge Copyright (C) 1994 X Consortium
10.	dbus	1.12.20-0+deb10u1bv2020.0b3	**GPL-2.0+** **AFL-2.1** Other licenses: BSD-3-Clause MIT GPL V3 or later with autoconf exception FSF TCL LGPL-2.1+ AFL-2.0 Public-domain	Copyright © 2014-2015 Canonical, Ltd. Copyright © 2013-2015 Collabora Ltd. Copyright © 2013 Intel Corporation Copyright © 2011-2012 Nokia Corporation Copyright 2004 Robert Shearman Copyright 2004 Eric Poech Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2017, 2018 Reini Urban Copyright (c) 2015 Philip Withnall Copyright (c) 2015 Enrico M. Crisostomo Copyright (c) 2015 David King Copyright (c) 2014 Mike Frysinger Copyright (c) 2013 Ralf Habacker, Copyright (c) 2011, Raphael Kubo da Costa Copyright (c) 2011 Rhys Ulerich Copyright (c) 2011 Maarten Bosmans Copyright (c) 2008 Laurent Montel,

				Copyright (c) 2008 John Darrington Copyright (c) 2008 Guido U. Draheim Copyright (c) 2006-2007, Ralf Habacker Copyright (c) 2006, Tim Beaulen Copyright (c) 1994 Sun Microsystems, Inc. Copyright (c) 1991-1993 The Regents of the University of California. Copyright (C) 2009, Jonas Bähr Copyright (C) 2009 Klaralvdalens Datakonsult AB, a KDAB Group company, info@kdab.net Copyright (C) 2008-2009, Benjamin Reed Copyright (C) 2008, Colin Walters Copyright (C) 2007, Tanner Lovelace Copyright (C) 2007 Red Hat, Inc. Copyright (C) 2007 Ralf Habacker Copyright (C) 2006-2020 Free Software Foundation, Inc. Copyright (C) 2006 Peter Kümmel Copyright (C) 2006 Christian Ehrlicher Copyright (C) 2005 g10 Code GmbH Copyright (C) 2005 Novell, Inc. Copyright (C) 2004 Imendio HB Copyright (C) 2003-2004 Lawrence E. Rosen. Copyright (C) 2003 CodeFactory AB Copyright (C) 1995, A.M. Kuchling Copyright (C) 1994 X Consortium
11.	debian utils	4.8.6.1co1 ba1	**GPL-2.0+** <u>Other licenses:</u> GPL V2 or later with autoconf exception Public-domain X11 BSD-4-Clause-UC FSFUL	Copyright © 1994-2017 Free Software Foundation, Inc. Copyright © 1990, 1993 The Regents of the University of California. Copyright 1996 by Jeff Noxon. Copyright © 1996,1997,1998,1999 Guy Maor © 1994 Ian Jackson, Copyright © 1996 Jeff Noxon. Copyright © 1992 Ronald S. Karr Slight modifications by Ian A. Murdock Copyright © 1992 Ronald S. Karr Copyleft (GNU) 1988 Landon Curt Noll & Ronald S. Karr Copyright © 2010 Rosetta Contributors and Canonical Ltd 2010 Copyright © Helge Kreutzmann 2011, 2012, 2017, 2018. Copyright © 2015 Andreas Henriksson Copyright © 2011 Aurelien Jarno Copyright © 2011 – 2012 Software in the Public Interest Copyright © 2009 Manoj Srivasta Copyright © 2002-2012 Clint Adams

				Copyright © 2002, Matthew Wilcox Copyright © 1994 X Consortium
12.	Diffutils-gplv2	2:2.8.1-18co3bb1	**GPL-2.0+** Other licenses: LGPL-2.0+ NTP GPL V3 or later with autoconf exception GPL V2 or later with autoconf exception	Copyright I 1997-1998, 2006-2007, 2009-2017 Free Software Foundation, Inc. Copyright I 1996,1999 by Internet Software Consortium. Copyright I 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper Copyright I 1994 X Consortium Copyright I 1990-2005, 2007-2009 Acme, Inc.
13.	dlt-daemon	2.18.x-i49-1rb1bv2020.0b2	**MPL-2.0** Other licenses: MIT	Copyright (C) 2015, Advanced Driver Information Technology Copyright (C) 2016 BMW AG copyright Copyright © 2015 Intel Corporation. copyright Copyright © 2015 ADIT. Copyright (c) 2011 Google, Inc. Copyright 2010 Lennart Poettering Copyright (C) 2018, Codethink Ltd.
14.	e2fsprogs	1.44.5-1+deb10u3bv2020.0b1	**GPL-2.0+** **LGPL-2.0+** Other licenses: NTP BSD-3-Clause LGPL-2.1+ Public-domain ISC Apache-2.0 GPL V3 or later with autoconf exception Free Software License FSF GPL V2 or later with texinfo exception GPL V2 or later with bison exception FSFUL	Copyright (C) 1996, 1997 Theodore Ts'o. Copyright (C) 1993, 1994 Remy Card Copyright 1987, 1988 by MIT Student Information Processing Board Copyright 1999 Andreas Dilger Copyright (C) 1995 Gadi Oxman Copyright (C) Paul `Rusty' Russell 2000 Copyright (C) Jeremy Allison 2000-2006 Copyright (C) 2003 VMware, Inc. Copyright (C) 1999 by Andries Brouwer Copyright (c) 1997 Mark Habersack Copyright (C) 1991, 1992 Linus Torvalds Copyright 2017 The Android Open Source Project Copyright (C) 2014 Oracle. Copyright IBM Corporation, 2007 Author Aneesh Kumar K.V Copyright (C) 1999, 2002-2003 Free Software Foundation, Inc. Copyright (C) 1997, 1998 by Theodore Ts'o and PowerQuest, Inc. Copyright IBM Corporation, 2007 Author Jose R. Santos Copyright (C) Andrew Esh 2001 Copyright (C) 2006 Cluster File Systems, Inc. Copyright (c) 2005 Ben Gardner Copyright (C) 2004 Kay Sievers Copyright (c) 2001 Daniel Phillips Copyright (C) 2001 Andreas Gruenbacher Copyright (C) 1998 Andrey Shedel

				Copyright (c) 1997, 1998, 2001 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden Copyright (c) 1988 Regents of the University of California Copyright 1998-2000 Red Hat, Inc Copyright 1987, 1988, 1989 by MIT Copyright (c) 2001 Alcove Copyright (c) 1997 Klee Dienes Copyright (c) 1997-2003 Yann Dirson Copyright (c) 1995-1996 Michael Nonweiler Copyright (C) 1985, 1986, 1988 Richard M. Stallman Copyright 1998 Carnegie Mellon University Copyright (C) 2004 Sam Hocevar Copyright (C) 1997 Kaz Kylheku Copyright (C) 1995 Gadi Oxman. Copyright 1997 Ben Gertzfield. Copyright Oracle, 2014 Author Darrick J. Wong Copyright (C) Jakub Bogusz Copyright (C) Gabor Kelemen, 2016. Balázs Úr 2017, 2018 Copyright (C) 2014 Robert Yang Copyright (c) 2014 Google, Inc. Copyright (c) 2012, Intel Corporation. Copyright (C) 2011 Whamcloud, Inc. Copyright (C) 2009 Sun Microsystems, Inc. Copyright (C) 2009 NEC Software Tohoku, Ltd. Copyright (c) 2008 John Darrington Copyright (c) 2003-2005 Silicon Graphics, Inc. Copyright (C) 2000 Stephen C. Tweedie Copyright (c) 1994 Ulrich Windl ALte Copyright 1999 by David Beattie (c) 1997 Yann Dirson
15.	expat	2.2.6-2+deb10u1bv2020preb2	**MIT** <u>Other licenses:</u> Public-domain GFDL-1.1 Apache-1.1	Copyright © 1998-2017 Thai Open Source Software Center, Clark Cooper, and the Expat maintainers Copyright (c) 2017 Expat development team Copyright (c) 2001-2017 Expat maintainers copyright 2010, Patrick Spendrin Copyright (C) Sebastian Pipping Copyright (C) 2017 José Gutiérrez de la Concha Copyright (C) 2016 - 2017, Steve Holme Copyright (C) 2013- Laszlo Boszormenyi (GCS) Copyright (C) 2008-2009 Daniel Leidert (dale) Copyright (C) 2000-2007 Ardo van Rangelrooij Copyright (C) 1998-2000 Adam Di Carlo

16.	findutils-gplv2	1:4.2.31-4co7bv2019.0b1	**GPL-2.0+** Other licenses: Public-domain X11 LGPL-2.1+ FSFUL GPL V2 or later with autoconf exception	Copyright 1996-2019 Free Software Foundation, Inc Copyright (C) 1995-1997, 2000-2005 by Ulrich Drepper <drepper@gnu.ai.mit.edu> Copyright (C) 1994 X Consortium
17.	Gcc-8	8.3.0-6bv2019.0b1	**GPL-3.0+-with-GCC-exception** Other licenses: BSD-3-Clause MIT LGPL-2.1+ GPL-2.0+ BSD-1-Clause FSFAP ISC BSL-1.0 Freeware NCSA BSD-2-Clause BSD-4-Clause-UC LGPL-2.0+ Public-domain BSD-2-Clause-NetBSD Zlib GFDL-1.3 GPL-2.0 NTP CC-BY-SA-3.0 Unicode curl bzip2-1.0.6 IJG CC-BY-4.0 U-Utah License Sun RPC License LGPL V2.1+ with GCC exception InnerNet-2.00 License GPL-3.0+ with gnu-javamail-exception GPL-2.0+ with gnu-javamail-exception GPL V3 or later with Tex exception GFDL V1.3 AMD License ACAA - Grant of Unlimited Rights	**Dual license - GPL-2.0+ & LGPL-2.1+** Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Xinliang David Li Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Wolfgang Gellerich (gellerich@de.ibm.com). Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Thomas Koenig, based on unpack_generic.c by Paul Brook Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Thomas Koenig based on spread_generic.c written by Paul Brook Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Thomas Koenig Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Richard Henderson Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Richard Henderson and Aldy Hernandez;. Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Richard Guenther Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Red Hat. Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Rafael Avila de Espindola (espindola@google.com). Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Paul Yuan (yingbo.com@gmail.com) and Vinodha Ramasamy (vinodha@google.com). Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Paul Brook Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Michael Eager, eager@eagercon.com Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Michael Eager (eager@eagercon.com).

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Michael Eager (eager@eagercon.com)

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Martin Jambor

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Joel Sherrill (joel@OARcorp.com).

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Janne Blomqvist

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Jan Sjodin and Sebastian Pop

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Embecosm on behalf of Adapteva, Inc.

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Edmar Wienskoski (edmar@freescale.com)

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Doug Kwan (dougkwan@google.com) Rewritten by CodeSourcery, Inc.

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Doug Kwan

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Daniel Franke.

Copyright (C) 2008-2018 Free Software Foundation Inc. Contributed by CodeSourcery.

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Anthony Green.

Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Analog Devices

Copyright (C) 2008-2018 Free Software Foundation, Inc. Based on linux-atomic.c

Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Robert Millan.

Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Richard Henderson

Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Richard Guenther

Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Red Hat.

Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Red Hat, Inc.

				Copyright (C) 2011-2018 Free Software Foundation, Inc. by Peter Bergner (bergner@vnet.ibm.com) Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Nicola Pero Copyright (C) 2011-2018 Free Software Foundation, Inc. Contributed by Kostya Serebryany Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by CodeSourcery, LLC Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Christian Borntraeger (Christian.Borntraeger@de.ibm.com) Andreas Krebbel (Andreas.Krebbel@de.ibm.com) Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Bernd Schmidt Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Bernd Schmidt by CodeSourcery. Copyright (C) 2010-2018 Free Software Foundation, Inc. Contributed by Anthony Green (green@moxielogic.com) Copyright (C) 2010-2018 Free Software Foundation Inc. Contributed by Andrew Jenner Contributed by Bernd Schmidt Contributed by CodeSourcery. Copyright (C) 2010-2012 Free Software Foundation, Inc.
18.	glib2.0	2.58.3-2+deb10u2bv2020.0b2	**LGPL-2.1+** <u>Other licenses:</u> BSD-3-Clause LGPL-2.0+ MIT Public-domain GPL-2.0+ bzip2-1.0.6 GPL V2 or later with autoconf exception	**Dual License – AFL-2.0 or LGPL-2.1+** Copyright © 2018 Tomasz Miąsko Copyright © 2018 Endless Mobile, Inc. Copyright © 2016 Red Hat, Inc. Copyright © 2015 Patrick Griffis Copyright © 2015 Collabora, Ltd. Copyright © 2015 Canonical Limited Copyright © 2014 NICE s.r.l. Copyright © 2014 Canonical Limited Copyright © 2013 Lars Uebernickel Copyright © 2013 Canonical Limited Copyright © 2012,2013 Colin Walters Copyright © 2011 William Hua Copyright © 2011 Ryan Lortie Copyright © 2010 Codethink Limited Copyright © 2010 Christian Persch Copyright © 2009-10 Sam Thursfield

				Copyright © 2009 Free Software Foundation, Inc. Lauri 2002-2004, Sami Pesonen 2004-2005. Ilkka Tuohela 2005-2009. Timo Jyrinki 2008-2010. Harri Pitkänen 2009. Tommi Vainikainen 2009-2011. Copyright 2017 Руслан Ижбулатов Copyright 2016 Endless Mobile, Inc. Copyright 2005 Matthias Clasen Copyright 2004 Tor Lillqvist Copyright 2001 Hans Breuer Copyright 1999-2000 Tor Lillqvist and Craig Setera Copyright 1998-2011 Tim Janik, Red Hat, Inc. and others Copyright 1998-2001 Sebastian Wilhelmi; University of Karlsruhe Copyright 1995-2011 Peter Mattis, Spencer Kimball, Josh MacDonald, Sebastian Wilhelmi and others. Copyright © 2018 Iñigo Martínez Copyright © 2015 Chun-wei Fan Copyright © 2014 Patrick Griffis Copyright © 2010 Christian Persch Copyright © 2010 Christian Kellner Copyright © 2007 Sven Herzberg Copyright © 2007 Sebastian Dröge. Copyright © 2007 Red Hat Inc. Copyright © 2007 Jürg Billeter Copyright © 2007 John McCutchan Copyright © 2005 Imendio AB Copyright © 2003 Noah Levitt Copyright © 2001 Dan Winship Copyright © 2001 Behdad Esfahbod. Copyright © 2000-2003 Ximian Inc. Copyright © 2000 Eazel, Inc. Copyright © 1999, 2000 Tom Tromey Copyright © 1999, 2000 Scott Wimer Copyright © 1995, A.M. Kuchling
19.	glibc	2.28-10co2bv2020.0b2	**LGPL-2.1+** Other licenses: GPL-2.0+ LGPL V2.1+ with GCC exception BSD-3-Clause ISC LGPL-2.0+	Copyright © 2015 Free Software Foundation, Inc. Copyright 2001 by Stephen L. Moshier Copyright 2000 Red Hat, Inc. Copyright 2000 Ben Collins (bcollins@debian.org) Copyright 1998, 1999 by Joel Klecker Copyright 1998 Marcus Brinkmann (brinkmd@debian.org) Copyright 1996 by Craig Metz,

					Copyright 1995-2000 David Engel (david@ods.com) Copyright 1995 by Tom Lord Copyright 1995 Rickard E. Faith (faith@cs.unc.edu) Copyright (c) 2010, Oracle America, Inc. Copyright (c) 2004 by Internet Systems Consortium, Inc. ("ISC") Copyright (c) 2003 Peter Wemm Copyright (c) 2002 Maxime Henrion Copyright (c) 2002 Doug Rabson Copyright (c) 1999 Marcel Moolenaar Copyright (c) 1997-2003 University of Cambridge Copyright (c) 1996-1999 by Internet Software Consortium. Copyright (c) 1995, 1999 Berkeley Software Design, Inc. Copyright (c) 1995 by International Business Machines, Inc. Copyright (c) 1995 The Regents of the University of California. Copyright (c) 1993 by Digital Equipment Corporation. Copyright (c) 1993 Carlos Leandro and Rui Salgueiro Dep. Matematica Universidade de Coimbra, Portugal, Europe Copyright (c) 1992 Carnegie Mellon University Copyright (c) 1988,1990 Sun Microsystems, Inc. Copyright (C) Helge Kreutzmann Copyright (C) 2007 THE glibc'S COPYRIGHT HOLDER Copyright (C) 2006 Max Kutny Copyright (C) 1999 Theppitak Karoonboonyanan, National Electronics and Computer Technology Center
20.	Grep-gplv2	1:2.5.1a-0co5bb1	**GPL-2.0+** Other licenses: LGPL-2.0+ NTP GPL V2 or later with autoconf exception	Copyright 2000, 2001 Free Software Foundation, Inc.
21.	gstreamer1.0		**LGPL-2.0+** Other licenses: GPL-2.0+ GPL-2.0-with-autoconf-exception	**Dual license – GPL-2.0+ & LGPL-2.1+** Copyright © 2016 Free Software Foundation, Inc. Clytie Siddall

			FSF LGPL-2.1+	2005-2010. Trần Ngọc Quân;, 2012-2014, 2015, 2016, 2017. Copyright © 2014 Free Software Foundation, Inc. Danilo Segan 2004-2005. Мирослав Николић;, 2011—2017. Copyright 2009 Johan Dahlin Copyright 2007-2009 Nokia Corporation Copyright 2007-2009 Collabora Ltd Copyright © 2014 Sebastian Dröge Copyright © 2011 Daniel Richard G. Copyright © 2008 Steven G. Johnson Copyright © 2007 Guido U. Draheim Copyright © 2018 Gstreamer developers Copyright © 2015 Tim-Philipp Müller Copyright © 2014 Mathieu Duponchelle Copyright © 2014 Samsung Electronics. Copyright © 2014 David Waring, British Broadcasting Corporation Copyright © 2012-2015 Pexip Copyright © 2012 Stefan Sauer Copyright © 2009 Wim Taymans Copyright © 2009 Igalia S.L Copyright © 2009 Edward Hervey Copyright © 2008 Ole André Vadla Ravnås Copyright © 2005 Andy Wingo Copyright © 2003 Matthias Clasen Copyright © 2003 Julien Moutte Copyright © 2003 David A. Schleef Copyright © <2013> YouView TV Ltd. Copyright © <2008> Thijs Vermeir Copyright © <2004> Thomas Vander Stichele
22.	gzip-gplv2	1:1.3.12-9co4bv2019.0b1	**GPL-2.0** Other licenses: Public-domain X11 FSFUL GPL V2 or later with autoconf exception GPL V2 or later with texinfo exception FSFAP	Copyright (C) 2006, 2007 Free Software Foundation, Inc. Copyright (C) 1994 X Consortium Copyright (C) 1993 Carsten Steger Copyright (C) 1992-1993 Jean-loup Gailly.
23.	init-system-helpers	1.56+nmu1ba1	BSD-3-Clause Other licenses: GPL-2.0+ GPL-2.0	Copyright: 2001 Henrique de Moraes Holschuh Copyright © 2013 Michael Stapelberg Copyright © 2008 Canonical Ltd. August 2008 – Dustin Kirkland Copyright © 2006 Red Hat, Inc. Copyright: 1997-2005 Miquel van Smoorenburg
24.	iptables	1.8.2-4bv2019.0b1	**GPL-2.0+** Other licenses: GPL-2.0	Copyright: 2014 Giuseppe Longo; License: GPL-2+ Copyright: 2013, Patrick McHardy

| | | | Artistic-2.0
GPL V2 or later with autoconf exception
GPL V3 or later with autoconf exception
ISC
FSFUL
X11
Public-domain
LGPL-2.0+
Artistic-1.0-Perl
GPL-2.0 WITH Linux-syscall-note
GNU Libtool GPL v2 or later with exception | Copyright: 2013, Google, Inc. License: GPL-2
Copyright: 2012, Hans Schillstrom 2012, Pablo Neira Ayuso License: GPL-2
Copyright: 2012 Pablo Neira Ayuso License: GPL-2+
Copyright: 2011, Patrick McHardy; License: GPL-2
Copyright: 2011, Jan Engelhardt License: GPL-2
Copyright: 2008, Adam Nielsen License: GPL-2
Copyright: 2008 Peter Warasin License: GPL-2
Copyright: 2007, BalaBit IT Ltd. License: GPL-2
Copyright: 2006-2013, Patrick McHardy License: GPL-2
Copyright: 2006, Ufo Mechanic License: GPL-2
Copyright: 2006, USAGI/WIDE Project License: GPL-2
Copyright: 2003+, Evgeniy Polyakov License: GPL-2
Copyright: 2003 Tom Marshall License: GPL-2
Copyright: 2000-2002, Joakim Axelsson Patrick Schaaf Martin Josefsson 2003-2010, Jozsef Kadlecsik License: GPL-2
Copyright: 2000-2002, Harald Welte License: GPL-2
Copyright: 2000, Marc Boucher License: GPL-2
Copyright © Jan Engelhardt, 2011
Copyright © CC Computer Consultants GmbH,
Copyright (c) 2011 Patrick McHardy
Copyright (c) 2003+ Evgeniy Polyakov
Copyright (c) 2000-2001 Netfilter Core Team.
Copyright (c) 2000 Marc Boucher
Copyright (C)2006 USAGI/WIDE Project
Copyright (C) 1996-2014 Free Software Foundation, Inc.
Copyright (C) 1994 X Consortium
(C) 2000 Jozsef Kadlecsik
(C) 2000 James Morris, this code is GPL. |
| 25. | kmod | 26-1bv2019.0b1 | **LGPL-2.1+**
Other licenses:
LGPL-2.1
GPL-2.0+ | Copyright 2010 Ran Benita
Copyright 2010 Lennart Poettering
Copyright (C) 2016 Intel Corporation.
Copyright (C) 2013 Tom Gundersen
Copyright (C) 2013 Michal Marek, SUSE
Copyright (C) 2013 Intel Corporation. Copyright (C) 2012 W. Trevor King
Copyright (C) 2012 Red Hat, Inc. W. Trevor King
Copyright (C) 2012 Lucas De Marchi |

				Copyright (C) 2011-2013 ProFUSION embedded systems Copyright (C) 2008 Alan Jenkins Copyright (C) 2004-2012 Kay Sievers
26.	libcap2	1:2.25-2bv2019.0b1	**GPL-2.0+** **BSD-3-Clause**	**Dual License - BSD - 3 Clause or GPL v2** Copyright (c) 1997-8 Andrew G. Morgan morgan@kernel.org Copyright (C) 2010 Serge Hallyn serue@us.ibm.com Copyright (c) 1998 Finn Arne Gangstad Copyright (C) 1997 Aleph One Copyright (C) 1989, 1991 Free Software Foundation, Inc. Copyright: 2014, Daniel Baumann <mail@daniel-baumann.ch> 2014-2018, Christian Kastner ckk@debian.org Copyright: 2011, Andrew Straw <strawman@astraw.com> 2011, Zhi Li <lizhi1215@gmail.com> 2014-2016, Christian Kastner <ckk@debian.org> 2015, Helmut Grohne <helmut@subdivi.de>
27.	libcap-ng	0.7.9-2bv2019.0b1	**LGPL-2.1+** Other licenses: GPL-2.0+ GPL V2 or later with autoconf exception Public-domain GPL V3 or later with autoconf exception X11 MIT LGPL-2.0+ GNU Libtool GPL v2 or later with exception FSFUL	Copyright (C) 1994-2017 Free Software Foundation, Inc. Copyright 2009 Red Hat Inc., Durham, North Carolina. Copyright (c) 2009 Steve Grubb Copyright (C) 2009 Pierre Chifflier Copyright (C) 1994 X Consortium
28.	libffi	3.2.1-9ba1	**MIT** Other licenses: GPL V2 or later with autoconf exception Public-domain GPL-2.0+ GPL V3 or later with autoconf exception GNU Libtool GPL v2 or later with exception X11 LGPL-2.1+ GPL V3 or later with Tex exception FSFUL	**Dual license - GPL-2.0+ & LGPL-2.1+** Copyright @copyright{} 2008, 2010, 2011 Red Hat, Inc. Copyright 1992-2013 Free Software Foundation, Inc. Copyright (c) 2014 Sebastian Macke Copyright (c) 2014 Anthony Green Copyright (c) 2013 The Written Word Inc. Copyright (c) 2013 Tensilica, Inc. Target configuration macros for XTENSA. Copyright (c) 2013 Synopsys, Inc. (www.synopsys.com) Copyright (c) 2013 Miodrag Vallat.

				Copyright (c) 2013 Mentor Graphics. Copyright (c) 2012, 2013 Xilinx, Inc Copyright (c) 2012 Tilera Corp. Copyright (c) 2012 Thorsten Glaser Copyright (c) 2012 Alexandre K. I. Copyright (c) 2012 Alan Hourihane Copyright (c) 2011 Timothy Wall Copyright (c) 2011 Plausible Labs Cooperative, Inc. Copyright (c) 2011 Maarten Bosmans Copyright (c) 2010 Rhys Ulerich Copyright (c) 2010 CodeSourcery Copyright (c) 2009, 2010, 2011, 2012 ARM Ltd. Copyright (c) 2009 Guido U. Draheim Copyright (c) 2009 Daniel Witte Copyright (c) 2009 Bradley Smith Copyright (c) 2008 Steven G. Johnson Copyright (c) 2008 Guido U. Draheim Copyright (c) 2008 David Daney Copyright (c) 2008 Björn König Copyright (c) 2005 Axi Communications AB Copyright (c) 2004 Renesas Technology. Copyright (c) 2003, 2004, 2006, 2008 Kaz Kojima Copyright (c) 2003 Jakub Jelinek Copyright (c) 2002, 2007 Bo Thorsen (c) 2003-2004 Randolph Chung (C) 2008, 2011 Matthias Klose Copyright (C) 1994 X Consortium Copyright (C) 2009 the Initial Developer. Copyright (C) 2011, 2012, 2013 Anthony Green Copyright (C) 2011 Kyle Moffett Copyright (C) 2013 IBM Copyright (c) 1998, 2012 Andreas Schwab Copyright (c) 2002 Roger Sayle Copyright (c) 2002 Ranjit Mathew
29.	libgcry pt20	1.8.4-5co1bv2019.0b1	**LGPL-2.1+** <u>Other licenses:</u> FSF GPL-2.0+ GPL V2 or later with autoconf exception X11 BSD-3-Clause Public-domain LGPL-2.0+ LGPL-2.1 ISC GPL V3 or later with autoconf exception	**Dual License - BSD - 3 Clause & GPL v2** Copyright (C) 2004, 2005, 2007, 2009 Free Software Foundation, Inc. Written by Scott James Remnant, 2004. copyright Peter Gutmann (and various others) 1996, 1997, 1998, 1999. Copyright 2013 g10 Code GmbH Copyright Stephan Mueller 2014 – 2017 Copyright 2012 Simon Josefsson and Niels Möller Copyright 2012, Samuel Neves

			GPL V3 or later with Tex exception GNU Libtool GPL v2 or later with exception	Copyright 1998 Owen Taylor, modified for libgcrypt and gnutls by Ivo Timmermans, 2001. Copyright 1997, 1998, 1999, 2001 Werner Koch Copyright (C) 2017 Jussi Kivilinna Copyright (C) 2017 Bundesamt für Sicherheit in der Informationstechnik Copyright (C) 2016 Jussi Kivilinna Copyright (C) 2013-2014 Dmitry Eremin-Solenikov Copyright (C) 2013 Christian Grothoff Copyright (C) 2003 Nikos Mavroyanopoulos Copyright (C) 1998 The Internet Society Copyright (C) 1997 Werner Koch Copyright (C) 1994 X Consortium
30.	libgpg-error	1.35-1bv2019.0b1	**LGPL-2.1+** Other licenses: FSF GPL v2 or later with mkerrcodes.awk exception GPL V2 or later with autoconf exception Public-domain GPL-2.0+ GPL V3 or later with autoconf exception LGPL-2.1 BSD-3-Clause X11 LGPL-2.0+ GPL V3 or later with Tex exception GNU Libtool GPL v2 or later with exception	Copyright (C) 1994-2014 Free Software Foundation, Inc. Copyright (C) 2018 g10 Code GmbH Copyright (C) 2014 Jedi Lin Copyright (c) 2010 Reuben Thomas Copyright (C) 2004 Simon Josefsson Copyright (c) 1999 Richard Henderson Copyright (C) 1998-2006, 2008-2017 Werner Koch Copyright (C) 1994 X Consortium
31.	libseccomp	2.3.3-4bv2019.0b1	**LGPL-2.1** Other licenses: Public-domain X11 GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception	Copyright 2015 IBM Author: Jan Willeke Copyright 1992-2017 Free Software Foundation, Inc. Copyright (c) 2017 Red Hat Author: Paul Moore Copyright (c) 2015 Freescale Copyright (c) 2014 Imagination Technologies Ltd. Author: Markos Chandras Copyright (C) 1994 X Consortium
32.	libselinux	2.8-1ba1, 3.0	**GPL-2.0** Other licenses: Public-domain	Copyright (C) 2004 Red Hat, Inc., James Morris <jmorris@redhat.com>
33.	lz4	1.8.3-1bv2019.0b1	**BSD-2-Clause** **GPL-2.0+**	Copyright (C) Yann Collet 2011-present Copyright (C) 1989, 1991 Free Software Foundation, Inc. Copyright (C) 2016-present, Przemyslaw Skibinski, Yann Collet Copyright (c) 2015, Louis P. Santillan Copyright (c) 2014, lpsantil

34.	ncurses	6.1+20181013-2+deb10u1bv2019.0b1	**X11** **BSD-3-Clause** Other licenses: MIT - Modern Public-domain FSFUL BSD-4-Clause-UC GPL V3 or later with autoconf exception	Copyright (c) 1998-2017,2018 Free Software Foundation, Inc. copyright 1997 by Joey Hess. Copyright (c) 1989 BULL SA Copyright (C) 1994 X Consortium Copyright (c) 1992, 1993 The Regents of the University of California. Copyright: 2003-2017,2018 by Thomas E. Dickey Copyright © 2001 by Pradeep Padala
35.	openssl	1.1.1d+fromdebian-0+deb10u3bv2020.0b3	**OpenSSL** Other licenses: Cryptogams Public-domain GPL-2.0+ BSD-2-Clause Apache-2.0 LGPL-2.1+ GPL-2.0	**Dual License - OpenSSL & BSD-3-Clause** **Dual License - OpenSSL & Cryptogams** **Dual License - OpenSSL & BSD-2-Clause** Copyright 2018-2019 The OpenSSL Project Authors. All Rights Reserved. Copyright 2017 Ribose Inc. Copyright 2017 BaishanCloud. Copyright 2016 VMS Software, Inc. Copyright 2016 Cryptography Research, Inc. Copyright 2013 Mark Jason Dominus Copyright 2013 M. J. Dominus. Copyright 2012, Samuel Neves Copyright 2011 Google Inc. Copyright 2006 NTT (Nippon Telegraph and Telephone Corporation) . Copyright 2005 Nokia. All rights reserved. Copyright 2004-2014, Akamai Technologies. Copyright 1994,1995 by Ian Jackson. Copyright (c) 2017, Oracle and/or its affiliates. All rights reserved. Copyright (c) 2017 National Security Research Institute. All rights reserved. */ Copyright (c) 2016 Viktor Dukhovni;. All rights reserved. Copyright (c) 2015, CloudFlare, Inc. Copyright (c) 2013-2014 Timo Teräs Copyright (c) 2012-2016 Jean-Philippe Aumasson Copyright (c) 2012-2014 Daniel J. Bernstein Copyright (c) 2012, Intel Corporation. Copyright (c) 2008 Andy Polyakov Copyright (c) 2007 KISA (Korea Information Security Agency). Copyright (c) 2004, Richard Levitte; All rights reserved. Copyright (c) 2004, EdelKey Project. Copyright (c) 2004 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden).

				Copyright (C) 2003 Christoph Martin Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com).
36.	pam	1.3.1-5co1bb1	**BSD-3-Clause** <u>Other licenses:</u> LGPL-2.0+ MIT ISC X11 THE BEER-WARE LICENSE GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL v3 or later with Bison exception GPL V3 or later with autoconf exception	**Dual License - BSD - 3 Clause & GPL v2** Copyright (C) 2004, 2005, 2007, 2008 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004 Copyright © 2007, 2008 Red Hat, Inc. All rights reserved. Red Hat author: Miloslav Trmač Copyright © 2004 Scott James Remnant Copyright Jan Rêkorajski, 1999. Copyright Alexander O. Yuriev, 1996. All rights reserved. Copyright 1999 by Theodore Ts'o. Copyright 1999 by Ben Collins Copyright 1994, 1995, 1996 Olaf Kirch, Copyright 1995 by Wietse Venema. Copyright 1989 - 1994, Julianne Frances Haugh All rights reserved. Copyright (c) Philip W. Dalrymple III 1997. Copyright (c) Cristian Gafton, 1996-1997, Copyright (c) Andrew G. Morgan 1996-8. Copyright (c) Alex O. Yuriev, 1996. Copyright (c) 2009 Thorsten Kukuk; Copyright (c) 2005 Darren Tucker
37.	pcre3	2:8.39-12co1bv2019.0b1	**BSD-3-Clause** <u>Other licenses:</u> WebM GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception BSD-2-Clause X11 Public-domain GPL-2.0+-with-libtool-exception	Copyright(c) 2009-2016 Zoltan Herczeg All rights reserved. Copyright © 2012-2015 Dan Nicholson Copyright © 2004 Scott James Remnant Copyright 2013-2013 Tilera Corporation(jiwang@tilera.com). All rights reserved. Copyright 2009-2012 Zoltan Herczeg Copyright 2003 and onwards Google Inc. Author: Sanjay Ghemawat Copyright 1992-2015 Free Software Foundation, Inc Copyright (c) 2011 Daniel Richard G. Copyright (c) 2008 Steven G. Johnson Copyright (c) 2007-2012, Google Inc. All rights reserved. Copyright (c) 2001, Alexander Tokarev All rights reserved. Copyright (c) 1997-2016 University of Cambridge Copyright (C) 1994 X Consortium

38.	sed-gplv2	4.1.2-8co5bv2019.0b2	**GPL-2.0+** Other licenses: LGPL-2.0+ LGPL-2.1+ X11 Public-domain GFDL-1.1 GPL V2 or later with autoconf exception GPL V2 or later with texinfo exception GPL V2 or later with bison exception FSFUL	Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004 Free Software Foundation, Inc. Copyright (C) 1995-1997, 2000, 2001 by Ulrich Drepper Copyright (C) 1994 X Consortium
39.	systemd	241-7~deb10u4co1bv2020.0b1	**LGPL-2.1+** **GPL-2.0+** **MIT** Other licenses: Public-domain GPL-2.0 CC0-1.0 Unlicense LGPL-2.0+ GPL-2.0 WITH Linux-syscall-note	**Dual License - GPL-2.0 WITH Linux-syscall-note & MIT** **Dual License - BSD - 3 clause & GPL-2.0** © 2015 Canonical Ltd. Author: Martin Pitt Copyright © SUSE Linux Products GmbH, 2006 Copyright © IBM Corp. 2003 Copyright © 2018 Neal Gompa Copyright © 2018 Dell Inc. Copyright © 2017 Max Resch Copyright © 2017 Intel Corporation. Copyright © 2017 Felipe Sateler Copyright © 2016 Zeal Jagannatha Copyright © 2016 Michal Soltys Copyright © 2016 Michael Karcher Copyright © 2016 Gabor Kelemen Copyright © 2016 Djalal Harouni Copyright © 2016 Canonical Ltd. Copyright © 2016 BISDN GmbH. Copyright © 2016 Alexander Shopov Copyright © 2015-2017 Jason A. Donenfeld Copyright © 2015, 2016. Free Software Foundation, Inc. Copyright © 2015 Werner Fink Copyright © 2015 Rafael Ferreira (translation) Copyright © 2015 Jeff Huang Copyright © 2015 Boyuan Yang Copyright © 2014 Vinay Kulkarni Copyright © 2014 Michael Marineau Copyright © 2014 Intel Corporation. Copyright © 2014 Holger Hans Peter Freyther Copyright © 2014 Carlos Garnacho Copyright © 2014 Axis Communications AB. Copyright © 2013-2017 Sergey Ptashnick Copyright © 2013-2016 Sylvain Plantefève Copyright © 2013 Simon Peeters Copyright © 2013 Jan Janssen

				Copyright © 2013 Holger Hans Peter Freyther
				Copyright © 2013 Daniele Medri Copyright © 2012 Roberto Sassu - Politecnico di Torino, Italy TORSEC group — http://security.polito.it Copyright © 2012 Holger Hans Peter Freyther Copyright © 2012 B. Poettering Contact: fsprg@point-at-infinity.org Copyright © 2011 ProFUSION embedded systems Copyright © 2011 Karel Zak Copyright © 2010 Ran Benita Copyright © 2010 ProFUSION embedded systems Copyright © 2010 Maarten Lankhorst Copyright © 2010 - Maxim Levitsky Copyright © 2009-2010 David Zeuthen Copyright © 2009 Scott James Remnant Copyright © 2009 Canonical Ltd. Copyright © 2009 Alan Jenkins Copyright © 2008 Red Hat, Inc. Copyright © 2008 Ian Kent Copyright (c) 2012 Josh Triplett Copyright (c) 2011-2014 PLUMgrid, http://plumgrid.com Copyright (c) 2009 Filippo Argiolas Copyright (c) 2005 SUSE Linux Products GmbH, Germany Author: Hannes Reinecke Copyright (C) IBM Corp. 2003 Copyright (C) 2015-2017 Jason A. Donenfeld Copyright (C) 2004 - 2009 Red Hat, Inc. Copyright (C) 2001 - 2003 Sistina Software (UK) Limited.
40.	sysvini t	2.93-8bv2019.0 b1	**GPL-2.0+** <u>Other licenses:</u> GPL-2.0	Copyright on this file 1998 Danek Duvall. Copyright (c) 2011 SuSE LINUX Products GmbH, All rights reserved. Copyright (c) 2006 Red Hat, Inc. All rights reserved. Copyright (C) 2018 Jesse Smith Copyright (C) 2005 Miquel van Smoorenburg.
41.	tar-gplv2	1.17-0co9ba1	**GPL-2.0+** <u>Other licenses:</u> Public-domain GPL-1.0+ X11 LGPL-2.1+ GPL V2 or later with bison exception	Copyright © 2004 Free Software Foundation, Inc. Copyright (C) 1994 X Consortium Copyright (C) 1983 Regents of the University of California. (C) Copyright 2013 Bdale Garbee

			GPL-2.0-with-autoconf-exception GPL V2 or later with texinfo exception GPL V2 or later with autoconf exception	
42.	util-linux	2.33.1-0.1co1bv2020.0b1	**GPL-2.0+** <u>Other licenses:</u> BSD-4-Clause-UC Public-domain MIT LGPL-2.1+ FSF BSD-3-Clause GPL-2.0 LGPL-2.0+ GPL-1.0+ ISC X11 GPL v3 or later with Bison exception GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception FSFUL	Copyright © Michael Piefel 2002, 2004, 2005, 2007, 2008. Copyright © Karel Zak copyright is claimed. This code is in the Public-domain; do with it what you wish. Copyright © 2015 Free Software Foundation, Inc Copyright © 2014 Benjamin Weis Mario Blättermann;, 2014, 2015. Philipp Thomas 2014, 2015, 2017. Copyright © 2012-2015 Dan Nicholson Copyright © 2012 Arun Persaud; Copyright © 2011,2015,2016 Philipp Thomas Copyright © 2004 Scott James Remnant Copyright © 2004 Nilgün Belma Bugüner. Copyright © 2002-2018 Lauri Nurmi Copyright © 2001, 2002 Karl Eichwalder. Copyright © 2000–2001 Gunnar Ritter. Copyright © 1994–2002 Kevin E. Martin Copyright Red Hat Software, 1999, 2000 Copyright IBM Corp. 2016 Copyright 2017 Sami Kerola Copyright 2014 Ondrej Oprala Copyright 2012 Vivek Goyal Copyright 2012 Davidlohr Bueso Copyright 2010 Lennart Poettering Copyright 2010 Jason Borden Copyright 2009 Tim Gardner Copyright 2009 Marcel Holtmann Copyright 2009 Johannes Berg Copyright 2008 Tilman Schmidt Copyright 2000 Colin Watson (cjw44@cam.ac.uk) Copyright 2000 Andreas Dilger Copyright 1993 Rickard E. Faith Copyright 1993, 1994, 1995 by Theodore Ts'o. Copyright 1990 Gordon Irlam Copyright (c) 2016 Werner Fink Copyright (c) 2016 SUSE Linux GmbH, Copyright (c) 2014 Timofey Titovets Copyright (c) 2008 Roy Peled, Copyright (c) 2004-2006 by Juliane Holzt, kju -at-fqdn.org Copyright (c) 2003-2005 Silicon Graphics, Inc. Copyright (c) 2000-2001 Gunnar Ritter Copyright (c) 1996-2004 Andries Brouwer Copyright (c) 1992 Rik Faith

				Copyright (c) 1988 Mark Nudleman Copyright (C) 2014 Ondrej Oprala Copyright (C) Michal Luscon Copyright (C) Andries Brouwer Copyright (C) 2018 Vaclav Dolezal Copyright (c) 1991, 1993 The Regents of the University of California Copyright (C) 2012 Davidlohr Bueso Copyright (C) 2005 Kay Sievers Copyright (C) 2005 Jens Axboe Copyright (C) 1998-2003 Miquel van Smoorenburg Copyright (C) 1994-2005 Jeff Tranter Copyright (C) 1994 X Consortium
43.	xz-utils	5.2.4-1bv2019.0b1	**Public-domain** <u>Other licenses:</u> GPL-2.0+ LGPL-2.1+ GPL-2.0+-with-libtool-exception FSFUL GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception MIT X11	Copyright: © 2014, Google Inc. Copyright: © 2008, Steven G. Johnson Copyright: © 2003 Free Software Foundation, Inc. Authors: Bruno Haible Copyright: © 1997-2007 by Dimitri van Heesch Copyright: © 1993, Jean-loup Gailly Copyright: 2010, Marek Černocký 2010, Andre Noll 2011, Adrien Nader Copyright: 2009-2010, Lasse Collin Copyright: 2010, Daniel Mealha Cabrita Copyright: 2009, Andrew Dudman 2009, Lasse Collin Copyright: 2009, 2010, Gruppo traduzione italiano di Ubuntu-it 2010, Lorenzo De Liso 2009, 2010, 2011, Milo Casagrande 2011, Jakub Bogusz Copyright (C) Michael D. Brennan Copyright (C) 2006 Timo Lindfors Copyright (C) 2005 Philipp Benner Copyright (C) 2004-2017 Bootstrap Authors Copyright (C) 1998, 1999, 2001 Henry Spencer. Copyright (C) 1994 X Consortium Copyright (C) 1993 Jean-loup Gailly
44.	yajl	2.1.0-3ba1	**ISC**	Copyright (c) 2007-2014, Lloyd Hilaiel Copyright (c) 2010-2011 Florian Forster Copyright: 2011 John Stamp

7 Obigo Open-Source components

7.1 vuejs - 2.4

Description: Vue is a progressive framework for building user interfaces

Available under the license: MIT License

Copyright (c): 2013-present, Yuxi (Evan) You

Terms and Conditions: Refer Section 8.3

7.2   vux - 0.1.3

Description: Mobile web UI Components based on Vue.js and WeUI

Available under the license: MIT License

Copyright (c): 2016-present, Airyland

Terms and Conditions: Refer Section 8.3

7.3 es6-promise - 3.3

Description: A lightweight library that provides tools for organizing asynchronous code

Available under the license: MIT License

Copyright (c): Yehuda Katz, Tom Dale, Stefan Penner and contributors

Terms and Conditions: Refer Section 8.3

7.4 Quasar framework - 0.5

Description: Build responsive SPA, SSR, PWA, Hybrid Mobile Apps and Electron apps, all simultaneously using the same codebase

Available under the license: MIT License

Copyright (c): 2015-present Razvan Stoenescu

Terms and Conditions: Refer Section 8.3

7.5 tween.js - 16.6

Description: JavaScript tweening engine for easy animations

Available under the license: MIT License

Copyright (c): 2010-2012 Tween.js authors.

Terms and Conditions: Refer Section 8.3

7.6 iScroll - 5

Description: iScroll is a multi-platform javascript scroller

Available under the license: MIT License

Copyright (c): 2014 Matteo Spinelli, cubiq.org

Terms and Conditions: Refer Section 8.3

7.7 array-filter- 1.0.0

Description: Array#filter for older browsers

Available under the license: MIT License

Copyright (c): 2013 Julian Gruber <julian@juliangruber.com>

Terms and Conditions: Refer Section 8.3

7.8 array-find - 1.0.0

Description: ES6 Array.find ponyfill. Return the first array element which satisfies a testing function

Available under the license: MIT License

Copyright (c): Stefan Duberg <stefanduberg@gmail.com>

Terms and Conditions: Refer Section 8.3

7.9   array-from - 1.0.0

Description: A ponyfill for the ES 2015 (ES6) `Array.from()`

Available under the license: MIT License

Copyright (c): Studio B12 GmbH

Terms and Conditions: Refer Section 8.3

7.10   array-map - 0.0.0

Description: `[].map(f)` for older browsers

Available under the license: MIT License

Copyright (c): James Halliday <mail@substack.net>

Terms and Conditions: Refer Section 8.3

7.11   array-shuffle - 1.0.0

Description: Randomize the order of items in an array

Available under the license: MIT License

Copyright (c): Sindre Sorhus <sindresorhus@gmail.com>

Terms and Conditions: Refer Section 8.3

7.12   countup - 1.6.1

Description: Animates a numerical value by counting to it

Available under the license: MIT License

Copyright (c): Jamie Perkins

Terms and Conditions: Refer Section 8.3

7.13 object-assign - 4.1.0

Description: ES2015 `Object.assign()` ponyfill

Available under the license: MIT License

Copyright (c): Sindre Sorhus <sindresorhus@gmail.com>

Terms and Conditions: Refer Section 8.3

7.14 photoswipe - 4.1.1

Description: JavaScript image gallery for mobile and desktop

Available under the license: MIT License

Copyright (c): Dmitry Semenov

Terms and Conditions: Refer Section 8.3

7.15 shake.js -1.2.2

Description: Deployment tool for node

Available under the license: MIT License

Copyright (c): Fractal <contact@wearefractal.com>

Terms and Conditions: Refer Section 8.3

7.16 validator - 5.1.0

Description: A library of string validators and sanitizers.

Available under the license: MIT License

Copyright (c):2018 Chris O'Hara <cohara87@gmail.com>

Terms and Conditions: Refer Section 8.3

7.17 webp-support - 1.0.3

Description: Webp Support 1.0.3 Package

Available under the license: MIT License

Copyright (c): 2016-present, Airyland

Terms and Conditions: Refer Section 8.3

7.18 HTML Parser

Description: A Simple HTML Parser

Available under the license: Mozilla Public License , Apache Software License 2.0

Copyright (c): 2004 Erik Arvidsson

Terms and Conditions: Refer Section 8.4, 8.6

7.19 archiver - 2.1.0

Description: a streaming interface for archive generation

Available under the license: MIT License

Copyright (c): 2012-2014 Chris Talkington

Terms and Conditions: Refer Section 8.3

7.20 async - 2.3.0

Description: Higher-order functions and common patterns for asynchronous code

Available under the license: MIT License

Copyright (c): 2010-2018 Caolan McMahon

Terms and Conditions: Refer Section 8.3

7.21   bluebird - 3.4.6

Description: Full featured Promises/A+ implementation with exceptionally good performance

Available under the license: MIT License

Copyright (c): 2013-2018 Petka Antonov

Terms and Conditions: Refer Section 8.3

7.22   cross-npm-spawn - 1.1.1

Description: Cross-platform NPM spawn

Available under the license: MIT License

Copyright (c): 2016 Leeroy Brun

Terms and Conditions: Refer Section 8.3

7.23   extract-zip - 1.5.0

Description: unzip a zip file into a directory using 100% javascript

Available under the license: BSD-2-Clause License

Copyright (c): 2014 Max Ogden

Terms and Conditions: Refer Section 8.8

7.24   fs-extra - 2.0.0

Description: fs-extra contains methods that aren't included in the vanilla Node.js fs package

Available under the license: MIT License

Copyright (c): 2011-2017 JP Richardson

Terms and Conditions: Refer Section 8.3

7.25 iconv-lite - 0.4.13

Description: Convert character encodings in pure javascript.

Available under the license: MIT License

Copyright (c): 2011 Alexander Shtuchkin

Terms and Conditions: Refer Section 8.3

7.26 is-online - 7.0.0

Description: Check if the internet connection is up

Available under the license: MIT License

Copyright (c): Sindre Sorhus <sindresorhus@gmail.com>

Terms and Conditions: Refer Section 8.3

7.27 json-rpc2 - 1.0.2

Description: JSON-RPC 2.0 server and client library, with HTTP, TCP and Websocket endpoints

Available under the license: MIT License

Copyright (c): 2009 Eric Florenzano, Ryan Tomayko

Terms and Conditions: Refer Section 8.3

7.28 lodash - 4.17.4

Description: Lodash makes JavaScript easier by taking the hassle out of working with arrays,

numbers, objects, strings, etc

Available under the license: MIT License

Copyright (c): JS Foundation

Terms and Conditions: Refer Section 8.3

7.29   progress-stream - 2.0.0

Description: Read the progress of a stream

Available under the license: BSD-2-Clause License

Copyright (c): Tobias Baunbæk <freeall@gmail.com>

Terms and Conditions: Refer Section 8.8

7.30   scp2 - 0.5.0

Description: A pure javascript scp program based on ssh2

Available under the license: MIT License

Copyright (c): 2013 Hsiaoming Yang

Terms and Conditions: Refer Section 8.3

7.31   ssh2 - 0.5.4

Description: SSH2 client and server modules written in pure JavaScript for node.js

Available under the license: MIT License

Copyright (c): Brian White

Terms and Conditions: Refer Section 8.3

7.32   sshpk - 1.14.1

Description: A library for finding and using SSH public keyss

Available under the license: MIT License

Copyright (c): Joyent, Inc

Terms and Conditions: Refer Section 8.3

7.33 targz - 1.0.1

Description: TarGz for NodeJS

Available under the license: MIT License

Copyright (c): Miska Kaipiainen <miska.kaipiainen@gmail.com>

Terms and Conditions: Refer Section 8.3

7.34 vboxmanage.js - 1.0.5

Description: A wrapper for VirtualBox CLI with Promises

Available under the license: MIT License

Copyright (c): 2016 Daniel Cohen Gindi

Terms and Conditions: Refer Section 8.3

7.35 xml2js - 0.4.17

Description: Simple XML to JavaScript object converter

Available under the license: MIT License

Copyright (c): Marek Kubica <marek@xivilization.net>

Terms and Conditions: Refer Section 8.3

7.36 requirejs - 2.1.1

Description: RequireJS loads plain JavaScript files as well as more defined modules

Available under the license: MIT License

Copyright (c): jQuery Foundation

Terms and Conditions: Refer Section 8.3

7.37 semver - 2.1.0

Description: The semantic version parser used by npm

Available under the license: ISC License

Copyright (c): Isaac Z. Schlueter

Terms and Conditions: Refer Section 8.9

7.38 SlowAES - 0.1a1

Description: Implementations of AES in pure scripting languages

Available under the license: Apache License

Copyright (c): Josh Davis

Terms and Conditions: Refer Section 8.6

7.39 which - 2.1.01.0.5

Description: Like which(1) unix command. Find the first instance of an executable in the PATH.

Available under the license: ISC License

Copyright (c): Isaac Z. Schlueter

Terms and Conditions: Refer Section 8.3

7.40 eventemitter2 - 1.0.0

Description: A Node.js event emitter implementation with namespaces, wildcards, TTL and browser support

Available under the license: MIT License

Copyright (c): 2016 Paolo Fragomeni

Terms and Conditions: Refer Section 8.3

7.41 moment.js - 2.16.0

Description: A lightweight JavaScript date library for parsing, validating, manipulating, and formatting dates

Available under the license: MIT License

Copyright (c): JS Foundation

Terms and Conditions: Refer Section 8.3

7.42 bootstrap - 2.3.1

Description: Front-end framework for developing responsive, mobile first projects on the web

Available under the license: MIT License

Copyright (c): 2011-2018 Twitter, Inc.

Copyright (c): 2011-2018 The Bootstrap Authors

Terms and Conditions: Refer Section 8.3

7.43 Minizip

Description: minizip is a zip manipulation library written in C that is supported on Windows, macOS, and Linux.

Available under the license: zlib License

Copyright (c): 1995-2012 Jean-loup Gailly and Mark Adler

Terms and Conditions: Refer 8.14

7.44 qtquick2-bem

Description: This presentation was made using QtQuick 2.1 and uses many modules like Webkit or Multimedia to demonstrate the QtQuick functionalities.

Available under the license: Creative Commons Attribution 3.0

Copyright

Terms and Conditions: Refer 8.15

7.45 Wayland and Weston

Description: Weston is compositor. Wayland is a protocol for a compositor to talk to its clients as well as a C library implementation of that protocol.

Available under the license: MIT License

Copyright © 2010 Kristian Høgsberg

Terms and Conditions: Refer 8.3

7.46 flexbuffers - 1.7.1

Description: FlatBuffers is an efficient cross platform serialization library for games and

other memory constrained apps. It allows you to directly access serialized data

without unpacking/parsing it first, while still having great forwards/backwards

compatibility.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.47 etch - 1.4.0

Description: A cross-platform, language- and transport-independent framework for building and consuming network services

Available under the license: Apache license, v2

Copyright (C) 2012 BMW Car IT GmbH

Terms and Conditions: Refer Section 8.6

7.48 flexbuffers - 1.7.1

Description: FlatBuffers is an efficient cross platform serialization library for games and

other memory constrained apps. It allows you to directly access serialized data

without unpacking/parsing it first, while still having great forwards/backwards

compatibility.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.49 CppSQLite - C++ Wrapper for SQLite - 3.2

Description: open source C++ wrapper library for SQLite. The Wrapper wraps the SQLite C-functions and can be used on Windows and Linux operating systems. It supports a wide range of SQLite functions and is up to date.

Available under the license: CPOL 1.02

Copyright (c): 2004..2007 Rob Groves. All Rights Reserved. rob.groves@btinternet.com

Terms and Conditions: Refer Section - 8.19

7.50 afl-fuzz-2.31b

Tool for in-process and out-of-process (fork) coverage-guided fuzz testing

(fuzzing). Similar to libFuzzer.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.51 android_crazy_linker

Description: Fork of the Android NDK crazy linker.

Available under the license: Apache 2.0 License

Copyright (c): 2014 The Chromium Authors

Terms and Conditions: Refer 8.6

7.52 android_explicit_synchronization

Description: libsync helper library.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer 8.6

7.53 angle-master_2014-10-03

Description: ANGLE is a conformant implementation of the OpenGL ES 2.0 specification that is hardware-accelerated via Direct3D.

Available under the license: BSD 3 License

Copyright (c): 2002-2013 The ANGLE Project Authors.

Terms and Conditions: Refer Section 8.5

7.54 Blink

Description: Contains the public API for Blink. The API consists of a number

of C++ header files, scripts, and GYP build files. We consider all other files

in Blink to be implementation details, which are subject to change at any time

without notice.

Available under the license: LGPL 2.1

Copyright (c): 2014 The Chromium Authors.

Terms and Conditions: Refer Section - 8.17

OpenSource under the terms of section 4 :

http://oss.obigo.com/oss/index.php?mid=board_mxLS91&document_srl=214

http://oss.obigo.com/oss/index.php?mid=board_mxLS91&document_srl=218

7.55 boringssl-master

Description: This is BoringSSL, a fork of OpenSSL. See

https://www.imperialviolet.org/2014/06/20/boringssl.html

Available under the license: BSD 3 License

Copyright (c):

Terms and Conditions: Refer Section - 8.5

7.56 breakpad-origin/chrome_53

Description: An open-source multi-platform crash reporting system

Available under the license: BSD 3 License

Copyright (c): 2006, Google Inc.

Terms and Conditions: Refer Section 8.5

7.57 brotli-v0.4.0

Description: Brotli is a generic byte-level compression algorithm that is used at the

byte-compression level in WOFF 2.0 font file format. This library is used

to decode WOFF 2.0 fonts.

Available under the license: MIT License

Copyright (c): 2009, 2010, 2013-2015 by the Brotli Authors.

Terms and Conditions: Refer Section 8.3

7.58 catapult-0.1.0-alpha-1

Description: Catapult is the home for several performance tools that span from gathering, displaying and analyzing performance data.

Available under the license: Apache 2.0 License

Copyright (c): 2015 The Chromium Authors

Terms and Conditions: Refer Section 8.6

7.59 cacheinvalidation-master_2014-09-04

Description: This is the API to talk to the Google Cache Invalidation service, used by the

invalidations consumed by Sync, Enterprise Policy, and other services. It was

previously hosted at http://code.google.com/p/google-cache-invalidation-api/

but was merged into the Chromium repository at r342.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.60 cld2-master_2017-12-14

Description: The CLD is used to determine the language of text. In Chromium, this is used

to determine if Chrome should offer Translate UX to the user.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.61 fontconfig-2.11.0

Description: Fontconfig is a library for configuring and customizing font access.

Available under the license: MIT License

Copyright (c): 2012 Google, Inc.

Terms and Conditions: Refer Section 8.3

7.62   compact_encoding_detection

Description: Compact Encoding Detection(CED for short) is a library written in C++ that

scans given raw bytes and detect the most likely text encoding.

Available under the license: Apache 2.0 License

Copyright (c): 2016 Google Inc.

Terms and Conditions: Refer Section 8.6

7.63   compact_language_detector_v3

Description: CLD3 is a neural net model for detecting the language of text.

Available under the license: Apache 2.0 License

Copyright (c): 2016 Google Inc.

Terms and Conditions: Refer Section 8.6

7.64   coveragepy-coverage-5.0a1

Description: Coverage.py measures code coverage, typically during test execution. It uses the

code analysis tools and tracing hooks provided in the Python standard library to

determine which lines are executable, and which have been executed.

Available under the license: Apache 2.0 License

Copyright (c): 2004-2015 Ned Batchelder.

Terms and Conditions: Refer Section 8.6

7.65   crashpad-electron-v1.6.12

Description: Crashpad is a crash-reporting system. It's the successor to Breakpad.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.66 dmg_fp-master_2014-05-19

Description: David M. Gay's floating point routines

Available under the license: MIT License

Copyright (c): 1991, 2000, 2001 by Lucent Technologies.

Terms and Conditions: Refer Section 8.3

7.67 external-chromium_org-sdch-open-vcdiff-mips-kk-4.4.2_r1.m1

Description: open-vcdiff is an encoder and decoder for the VCDIFF format, as described in

[RFC 3284](http://www.ietf.org/rfc/rfc3284.txt): The VCDIFF Generic Differencing and Compression Data Format.

Available under the license: Apache 2.0 License

Copyright (c): 2008 The open-vcdiff Authors.

Terms and Conditions: Refer Section 8.6

7.68 flac-1.3.1

Description: This library is required for the browser to compress and encode recorded audio

before sending to Google servers for speech recognition.

Available under the license: BSD 3 License

Copyright (c): 2011-2014 Xiph.Org Foundation

Terms and Conditions: Refer Section 8.5

7.69 flatbuffers-v1.9.0

Description: FlatBuffers is an efficient cross platform serialization library for games and

other memory constrained apps. It allows you to directly access serialized data

without unpacking/parsing it first, while still having great forwards/backwards

compatibility.

Available under the license: Apache 2.0 License

Copyright (c): 2014 Google Inc

Terms and Conditions: Refer Section 8.6

7.70   fontconfig-2.11.1

Description: Fontconfig is a library for configuring and customizing font access.

Available under the license: MIT License

Copyright (c): 2012 Google, Inc.

Terms and Conditions: Refer Section 8.3

7.71   freetype2-VER-2-5-4

Description: This is BoringSSL, a fork of OpenSSL. See

https://www.imperialviolet.org/2014/06/20/boringssl.html

Available under the license: BSD 3 License

Copyright (c):

Terms and Conditions: Refer Section - 8.5

7.72   freetype2-VER-2-9-1

Description: This library is required for the browser to compress and encode recorded audio

before sending to Google servers for speech recognition

Available under the license: Custom License (Freetype Project License)

Copyright (c):

Terms and Conditions: Refer Section - 8.12

7.73   glslang-GoogleGlslang20160218

Description: An OpenGL and OpenGL ES shader front end and validator.

Available under the license: MIT License

Copyright (c): 2015-2016 The Khronos Group Inc.

Terms and Conditions: Refer Section 8.3

7.74   googlemock-release-1.7.0

Description: Google's framework for writing and using C++ mock classes on a variety

of platforms (Linux, Mac OS X, Windows, Windows CE, Symbian, etc).

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 8.5

7.75   googletest-release-1.7.0

Description: Google's framework for writing C++ tests on a variety of platforms

(Linux, Mac OS X, Windows, Windows CE, Symbian, etc).

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 8.5

7.76   grpc-v1.4.7

Description: Chrome's version of the C-version of the gRPC ibrary.

Available under the license: BSD 3 License

Copyright (c): 2015, Google Inc.

Terms and Conditions: Refer Section 8.5

7.77   harfbuzz-1.3.1

Description: This is harfbuzz-ng, a new implementation of harfbuzz with a different

API from the old one.

Available under the license: MIT License

Copyright (c): 2010,2011,2012 Google, Inc.

Terms and Conditions: Refer Section 8.3

7.78   iccjpeg-32.0.1700.102

Description: Contain support for ICC color profile on top of jpeg6b (and up) library.

Original author is Tom Lane, from the IJG group.

We include the relevant part of the original IJG licensing term

in the file LICENSE.

Available under the license: Custom License

Copyright (c): 1991-1998, Thomas G. Lane.

Terms and Conditions: Refer Section - 8.16

7.79   icu-release-56-1

Description: The source code of ICU 56.1 for C/C++.

Available under the license: ICU License

Copyright (c): 1995-2015 International Business Machines Corporation and others.

Terms and Conditions: Refer Section 8.20

7.80   jsoncpp-svn-release-0.6.0-rc2

Description: The libjingle/webrtc/liblouis_nacl uses jsoncpp for signaling message

serialization and deserialization. This library is also shipped in NaCl

SDK and used in several examples.

Available under the license: MIT License

Copyright (c): 2007-2010 Baptiste Lepilleur

Terms and Conditions: Refer Section 8.3

7.81 khronos_headers

Description: This package contains header files for the EGL and OpenGL ES APIs from

Khronos. They are used for compiling code against these APIs as well as for

generating the GL binding initialization logic.

Available under the license: MIT License, SGI Free Software License B

Copyright (c): 2007-2010 The Khronos Group Inc.

Terms and Conditions: Refer Section 8.3, 8.18

7.82 leveldb-v1.20

Description: Alternative to SQLite used as the backend for IndexedDB and internally by the

FileSystem API implementation and others.

Available under the license: BSD 3 License

Copyright (c): 2011 The LevelDB Authors. All rights reserved.

Terms and Conditions: Refer Section 8.5

7.83 libaddressinput-master_2014-10-07

Description: This library lets you enter, validate, and display an address with correct

semantics for many countries around the world.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.84   libevent-release-1.4.15-stable

Description: The libevent API provides a mechanism to execute a callback function when a specific event occurs on a file descriptor or after a timeout has been reached.

Available under the license: BSD 3 License

Copyright (c): 2007-2010 Niels Provos and Nick Mathewson

Terms and Conditions: Refer Section 8.5

7.85   libfuzzer

Description: Library for in-process coverage-guided fuzz testing (fuzzing) of other

libraries.

Available under the license: University of Illinois/NCSA Open Source License

Copyright (c): 2003-2015 University of Illinois at Urbana-Champaign.

Terms and Conditions: Refer 8.7

7.86   libjpeg-turbo-1.4.90

Description: This libjpeg-turbo also added a new file

jpeglibmangler.h and included it from jpeglib.h that changes the names of all

externally visible functions to chromium_* so that we can avoid conflicts that

arise when system libraries attempt to use our libjpeg.

Available under the license: Custom License (libjpeg-turbo license), BSD 3 License, Zlib License

Copyright (c):

Terms and Conditions: Refer Section 8.13, 8.5, 8.1

7.87   libphonenumber-v8.9.8

Description: International Phone Number Library

Available under the license: Apache 2.0 License, Ruby License, postgreSQL License

Copyright (c): 2014 The Chromium Authors. All rights reserved.

Terms and Conditions: Refer Section 8.6

7.88 libpng-v1.6.22beta03

Description: libpng is the official Portable Network Graphics (PNG) reference library (originally called pnglib).

Available under the license: lib png License

Copyright (c): 2000-2002, 2004, 2006-2016 Glenn Randers-Pehrson

Terms and Conditions: Refer Section 8.11

7.89 libsrtp-v1.5.2

Description: Libsrtp provides secure media transmission in a real time communication. It's used with libjingle which provides the p2p session setup.

Available under the license: BSD 3 License

Copyright (c): 2001-2006 Cisco Systems, Inc.

Terms and Conditions: Refer Section 8.5

7.90 libvpx-v1.6.0

Description: Contains the sources used to compile libvpx binaries used by Google Chrome and

Chromium.

Available under the license: BSD 3 License

Copyright (c): 2010, The WebM Project authors. All rights reserved.

Terms and Conditions: Refer Section 8.5

7.91 libwebm-libwebm-1.0.0.27

Description: libwebm is a library to read and write WebM files. It's used by MediaStream

Recording API to multiplex encoded audio and video into a WebM container. Only

the writing parts are used for this purpose, the rest is not compiled.

Available under the license: BSD 3 License

Copyright (c): 2010, Google Inc. All rights reserved.

Terms and Conditions: Refer Section 8.5

7.92   libwebp-v0.5.1

Description: WebP is an image format that does both lossy and lossless compression of

digital photographic images. WebP consists of a codec based on VP8, that Google

open-sourced in May 2010 and a container based on RIFF. Webmasters, web

developers and browser developers can use WebP to compress, archive and

distribute digital images more efficiently.

Available under the license: BSD 3 License

Copyright (c): 2010, Google Inc.

Terms and Conditions: Refer Section 8.5

7.93   libxml2-v2.9.5

Description: libxml2 from libxml.org.

Available under the license: MIT License

Copyright (c): 1998-2012 Daniel Veillard.

Terms and Conditions: Refer Section 8.3

7.94   libXNVCtrl-master_2018-03-01

Description: This package provides access to NVidia Control X Extension. It is used to determine the version of the NVIDIA driver in use.

Available under the license: MIT License

Copyright (c): 2008 NVIDIA

Terms and Conditions: Refer Section 8.3

7.95 libxslt-v1.1.29-rc2

Description: libxslt from libxml.org.

Available under the license: MIT License

Copyright (c): 1998-2012 Daniel Veillard.

Terms and Conditions: Refer Section 8.3

7.96 libyuv-v1.0.0

Description: libyuv is an open source project that includes YUV conversion and scaling functionality.

Available under the license: BSD 3 License

Copyright (c): 2011 The LibYuv Project Authors.

Terms and Conditions: Refer Section 8.5

7.97 linux_syscall_support

Description: This file includes Linux-specific support functions common to the coredumper and the thread lister; primarily, this is a collection of direct system calls, and a couple of symbols missing from standard header files.

Available under the license: BSD 3 License

Copyright (c): 2005-2011, Google Inc.

Terms and Conditions: Refer Section 8.5

7.98 minigbm

Description: This contains the graphics buffer allocator library for Chrome OS.

Available under the license: BSD 3 License

Copyright (c): 2014 The Chromium OS Authors.

Terms and Conditions: Refer Section 8.5

7.99 modp_b64-master_2014-10-08

Description: The modp_b64.c file was modified to remove the inclusion of modp's config.h

and to fix compilation errors that occur under VC8. The file was renamed

modp_b64.cc to force it to be compiled as C++ so that the inclusion of

basictypes.h could be possible.

Available under the license: BSD 3 License

Copyright (c): 2005, 2006 Nick Galbreath

Terms and Conditions: Refer Section 8.5

7.100 mojo-master_2014-10-08

Description: The Mojo Public API is a binary stable API to the Mojo system.

It consists of support for a number of programming languages (with a directory

for each support language), some "build" tools and build-time requirements, and

interface definitions for Mojo services (specified using an IDL).

Note that there are various subdirectories named tests/. These contain tests of

the code in the enclosing directory, and are not meant for use by Mojo

applications.

Available under the license: BSD 3 License

Copyright (c): 2014 The Chromium Authors.

Terms and Conditions: Refer Section 8.5

7.101 mt19937ar-32.0.1700.102

Description: This is Chrome's locally patched copy of Takuji Nishimura and Makoto

Matsumoto's Mersenne Twister pseudorandom number generator.

Available under the license: BSD 3 License

Copyright (c): 1997 - 2002, Makoto Matsumoto and Takuji Nishimura

Terms and Conditions: Refer Section 8.5

7.102 native_client-master_2014-10-16

Description: Native Client is a sandbox for running compiled C and C++ code in the browser efficiently and securely, independent of the user's operating system.

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 8.5

7.103 openh264-v1.4.0

Description: Cisco's H.264 video codec implementation.

Available under the license: BSD 2 License

Copyright (c): 2013, Cisco Systems

Terms and Conditions: Refer Section 8.8

7.104 opus-v1.1.3

Description: This library is used by Chrome Remote Desktop and WebRTC for audio stream encoding/decoding.

Available under the license: BSD 3 License

Copyright (c): 2001-2011 Xiph.Org, Skype Limited, Octasic,

       Jean-Marc Valin, Timothy B. Terriberry,

       CSIRO, Gregory Maxwell, Mark Borgerding,

       Erik de Castro Lopo

Terms and Conditions: Refer Section 8.5

7.105   ots-v5.0.0

Description:

The OpenType Sanitizer (OTS) parses and serializes OpenType files (OTF, TTF) and WOFF and WOFF2 font files, validating them and sanitizing them as it goes.

Available under the license: BSD 3 License

Copyright (c): 2009 The Chromium Authors.

Terms and Conditions: Refer Section 8.5

7.106   ozone-wayland-45.0.2454.37

Description: Ozone-Wayland is the implementation of Chromium's Ozone for supporting [Wayland](http://wayland.freedesktop.org/) graphics system.

Available under the license: BSD 3 License

Copyright (c): 2013 Intel Corporation.

Terms and Conditions: Refer Section 8.5

7.107   pdfium-chromium/3440

Description: PDF generation and rendering library.

Available under the license: BSD 3 License

Copyright (c): 2014 PDFium Authors.

Terms and Conditions: Refer Section 8.5

7.108   protobuf-v3.0.0-beta-3

Description: Protocol Buffers (a.k.a., protobuf) are Google's language-neutral, platform-neutral, extensible mechanism for serializing structured data. You can find protobuf's documentation on the Google Developers site.

Available under the license: BSD 3 License

Copyright (c): 2008 Google Inc.

Terms and Conditions: Refer Section 8.5

7.109 qcms

Description: Contains support for applying an ICC color profile to an image. The code is

originally based on tinycms, re-written by Mozilla for better security and

performance. This copy is a source-drop from Mozilla on March 13, 2012.

Available under the license: MIT License

Copyright (c): 2009 Mozilla Corporation

1998-2007 Marti Maria

Terms and Conditions: Refer Section 8.3

7.110 re2-2016-02-01

Description: RE2 is a fast, safe, thread-friendly alternative to backtracking regular

expression engines like those used in PCRE, Perl, and Python.

Available under the license: BSD 3 License

Copyright (c): 2009 The RE2 Authors.

Terms and Conditions: Refer Section 8.5

7.111 SevenZip-LZMA-15.14

Description: This contains a part of LZMA SDK 15.14.

Available under the license: Public Domain

Copyright (c):

Terms and Conditions: Refer Section 8.10

7.112   shaderc-v2018.0

Description: A collection of SPIR-V related tools/libraries.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.113   skia-v1.60.0

Description: Skia is an open source 2D graphics library which provides common APIs that work across a variety of hardware and software platforms.

Available under the license: BSD 3 License

Copyright (c): 2011 Google Inc.

Terms and Conditions: Refer Section 8.5

7.114   smhasher-trunk_2014-04-22

Description: This is a library containing the MurmurHash3 function, and a hashing function

test suite.

Available under the license: MIT License

Copyright (c): 2011 Google, Inc.

Terms and Conditions: Refer Section 8.3

7.115   snappy-v1.1.0

Description: Compression library used by LevelDB.

Available under the license: BSD 3 License

Copyright (c): 2011 Google Inc.

Terms and Conditions: Refer Section 8.5

7.116   SPIRV-Tools-spirv-1.1-rev1

Description: The SPIR-V Tools project provides an API and commands for processing

SPIR-V modules.

Available under the license: MIT License

Copyright (c): 2015-2016 The Khronos Group Inc.

Terms and Conditions: Refer Section 8.3

7.117   sqlite-version-3.8.4

Description: SQLite is a C-language library that implements a small, fast, self-contained, high-reliability, full-featured, SQL database engine.

Available under the license: Public Domain

Copyright (c):

Terms and Conditions: Refer Section 8.10

7.118   tcmalloc-master_2012-05-20

Description: Chromium's locally patched copy of tcmalloc.

Available under the license: BSD 3 License

Copyright (c): 2005, Google Inc.

Terms and Conditions: Refer Section 8.5

7.119   uriparser-uriparser-0.8.0

Description: uriparser is a strictly RFC 3986 compliant URI parsing and handling library written in C89 ("ANSI C"). uriparser is cross-platform, fast, supports Unicode

Available under the license: BSD 3 License

Copyright (c): 2007, Weijia Song <songweijia@gmail.com>, 2007, Sebastian Pipping <sebastian@pipping.org>

Terms and Conditions: Refer Section 8.5

7.120 url_parse

Description: The file url_parse.cc is based on nsURLParsers.cc from Mozilla.

Available under the license: MPL 1.1 License

Copyright (c): 2007, Google Inc.

Terms and Conditions: Refer Section - 8.4

7.121 usrsctp-0.9.3.0

Description: The usrsctplib provides implementation of SCTP protocol which fully supports

RFC 2960.

Available under the license: BSD 3 License

Copyright (c): 2002-12 Randall R. Stewart, 2002-12 Michael Tuexen

Terms and Conditions: Refer Section 8.5

7.122 v8-5.6.309.1

Description: V8 is Google's open source JavaScript engine. V8 implements ECMAScript as specified in ECMA-262.

Available under the license: BSD 3 License

Copyright (c): 2006-2011, the V8 project authors.

Terms and Conditions: Refer Section 8.5

7.123 VulkanTools-sdk-1.0.8.0

Description: This simply includes the include files for the Vulkan SDK. Eventually this

will just be taken from the build system.

Available under the license: MIT License

Copyright (c): 2015 Valve Corporation

Terms and Conditions: Refer Section 8.3

7.124   wayland-1.11.91

Description: Wayland is a protocol for a compositor to talk to its clients as well as a C

library implementation of that protocol.

Available under the license: MIT License

Copyright (c): 2008-2012 Kristian Høgsberg

2010-2012 Intel Corporation

2011 Benjamin Franzke

2012 Collabora, Ltd.

Terms and Conditions: Refer Section 8.3

7.125   wayland-protocols

Description: wayland-protocols contains Wayland protocols that adds functionality not

available in the Wayland core protocol. Such protocols either adds

completely new functionality, or extends the functionality of some other

protocol either in Wayland core, or some other protocol in

wayland-protocols.

Available under the license: MIT License

Copyright (c): 2008-2013 Kristian Høgsberg

2010-2013 Intel Corporation

2013   Rafael Antognolli

2013   Jasper St. Pierre

2014   Jonas Ådahl

2014   Jason Ekstrand

2014-2015 Collabora, Ltd.

2015   Red Hat Inc.

Terms and Conditions: Refer Section 8.3

7.126   WebGL-master_2015-01-08

Description: This is a snapshot of the public webgl conformance tests directory on the

Github server.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.127   webrtc-builds-9686

Description: WebRTC provides real time voice and video processing

functionality to enable the implementation of

PeerConnection/MediaStream.

Available under the license: BSD 3 License

Copyright (c): 2011, The WebRTC project authors.

Terms and Conditions: Refer Section 8.5

7.128   woff2

Description: The reference implementation of the WOFF 2.0 web font compression

format (http://www.w3.org/TR/WOFF2/).

Available under the license: MIT License

Copyright (c):

Terms and Conditions: Refer Section 8.3

7.129   yasm-v1.2.0

Description: Full rewrite of Netwide Assembler (NASM)

Available under the license: BSD 2 License

Copyright (c): 2001-2010 Peter Johnson and other Yasm developers.

Terms and Conditions: Refer Section 8.8

7.130 zlib-1.2.8

Description: General purpose compression library

Available under the license: Zlib License

Copyright (c):1995-2010 Jean-loup Gailly and Mark Adler

Terms and Conditions: Refer Section 8.1

7.131 boost_1_58_0

Description: Boost is a set of libraries for the C++

Available under the license: BSL 1.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.2

7.132 libjson-c-0.10

Description: JSON-C implements a reference counting object model that allows you to easily construct JSON objects in C

Available under the license: MIT License

Copyright (c): 2004, 2005 Metaparadigm Pte Ltd

Terms and Conditions: Refer Section 8.3

7.133 pkg-config-generator

Description: Simple python (2 or 3) script for generating package config (`pkg-config` or `.pc`) files

Available under the license: MIT License

Copyright (c): 2016 Nii Mante

Terms and Conditions: Refer Section 8.3

7.134   uriparser-0.8.5

Description: RFC 3986 URI parsing library

Available under the license: BSD 3 License

Copyright (c): 2007, Weijia Song

2007, Sebastian Pipping

Terms and Conditions: Refer Section 8.5

7.135   xmlsec1-1.2.24

Description: XML Security Library

Available under the license: MIT License

Copyright (c):2002-2016 Aleksey Sanin

Terms and Conditions: Refer Section 8.3

7.136   Tornado-4.1

Description: Tornado is a Python web framework and asynchronous networking library

Available under the license: Apache License 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.23

7.137   Ujson-1.35

Description: Json Parser

Available under the license: BSD 3 License

Copyright (c): 2014, Electronic Arts Inc.

Terms and Conditions: Refer Section 8.5

7.138   Python-2.7.9

Description: Python is a widely used high-level programming language for general-purpose programming

Available under the license: Python Library v2.0

Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010,

2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation

Terms and Conditions: Refer Section 8.22

7.139   Backports-3.4.0.2

Description: Backports provide greater sanity, and a bit more organization, in the Package Index.

Available under the license: Python Library v2.0

Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010,

2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation

Terms and Conditions: Refer Section 8.21

8   LICENSE-TERMS

8.1   The zlib/libpng License (Zlib)

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.

8.2 Boost Software License 1.0 (BSL-1.0)

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.

8.3 MIT License

Except where otherwise noted in the source code (e.g. the files hash.c,

list.c and the trio files, which are covered by a similar licence but

with different Copyright notices) all the files are:

 Copyright (C) 1998-2012 Daniel Veillard. 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 fur-

nished 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, FIT-NESS 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.

8.4 MPL v1.1 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 Netscape security libraries.

The Initial Developer of the Original Code is

Netscape Communications Corporation.

Portions created by the Initial Developer are Copyright (C) 1994-2000

the Initial Developer. All Rights Reserved.

Contributor(s):

Alternatively, the contents of this file may be used under the terms of

either the GNU General Public License Version 2 or later (the "GPL"), or

the GNU Lesser General Public License Version 2.1 or later (the "LGPL"),

in which case the provisions of the GPL or the LGPL are applicable instead

of those above. If you wish to allow use of your version of this file only

under the terms of either the GPL or the LGPL, and not to allow others to

use your version of this file under the terms of the MPL, indicate your

decision by deleting the provisions above and replace them with the notice

and other provisions required by the GPL or the LGPL. If you do not delete

the provisions above, a recipient may use your version of this file under

the terms of any one of the MPL, the GPL or the LGPL.

8.5 The 3-Clause BSD License(BSD3)

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 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.

// OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

8.6 Apache License, Version 2.0

Copyright 2016 Google Inc. All rights reserved.

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 2016, Google Inc.

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.

8.7 University of Illinois/NCSA Open Source 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 with 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:

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

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

Neither the names of <Name of Development Group, Name of Institution>, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

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 CONTRIBUTORS 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 WITH THE SOFTWARE.

8.8 The 2-Clause BSD License(BSD2)

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.

8.9 ISC License (ISC)

Copyright <YEAR> <OWNER>

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.

8.10 Public Domain

All of the code and documentation in SQLite has been dedicated to the public domain by the authors. All code authors, and representatives of the companies they work for, have signed affidavits dedicating their contributions to the public domain and originals of those signed affidavits are stored in a firesafe at the main offices of Hwaci. Anyone is free to copy, modify, publish, use, compile, sell, or distribute the original SQLite code, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

The previous paragraph applies to the deliverable code and documentation in SQLite - those parts of the SQLite library that you actually bundle and ship with a larger application. Some scripts used as part of the build process (for example the "configure" scripts generated by autoconf) might fall under other open-source licenses. Nothing from these build scripts ever reaches the final deliverable SQLite library, however, and so the licenses associated with those scripts should not be a factor in assessing your rights to copy and use the SQLite library.

All of the deliverable code in SQLite has been written from scratch. No code has been taken from other projects or from the open internet. Every line of code can be traced back to its original author, and all of those authors have public domain dedications on file. So the SQLite code base is clean and is uncontaminated with licensed code from other projects.

Obtaining An Explicit License To Use SQLite

Even though SQLite is in the public domain and does not require a license, some users want to obtain a license anyway. Some reasons for obtaining a license include:

• You are using SQLite in a jurisdiction that does not recognize the public domain.

• You are using SQLite in a jurisdiction that does not recognize the right of an author to dedicate their work to the public domain.

• You want to hold a tangible legal document as evidence that you have the legal right to use and distribute SQLite.

• Your legal department tells you that you have to purchase a license.

If you feel like you really have to purchase a license for SQLite, Hwaci, the company that employs the architect and principal developers of SQLite, will sell you one.

Contributed Code

In order to keep SQLite completely free and unencumbered by copyright, all new contributors to the SQLite code base are asked to dedicate their contributions to the public domain. If you want to send a patch or enhancement for possible inclusion in the SQLite source tree, please accompany the patch with the following statement:

 The author or authors of this code dedicate any and all copyright interest in this code 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 code under copyright law.

We are not able to accept patches or changes to SQLite that are not accompanied by a statement such as the above. In addition, if you make changes or enhancements as an employee, then a simple statement such as the above is

insufficient. You must also send by surface mail a copyright release signed by a company officer. A signed original of the copyright release should be mailed to:

8.11 libpng license

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.

8.12 Freetype Project License

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

8.13 libjpeg-turbo License

This section provides a roll-up of the libjpeg-turbo licensing terms, to the

best of our understanding.

1. If you are distributing a modified version of the libjpeg-turbo source,

    then:

  1. You cannot alter or remove any existing copyright or license notices

      from the source.

    Origin

    - Clause 1 of the IJG License

    - Clause 1 of the Modified BSD License

    - Clauses 1 and 3 of the zlib License

2. You must add your own copyright notice to the header of each source

    file you modified, so others can tell that you modified that file (if

    there is not an existing copyright header in that file, then you can

    simply add a notice stating that you modified the file.)

    Origin

    - Clause 1 of the IJG License

    - Clause 2 of the zlib License

3. You must include the IJG README file, and you must not alter any of the

    copyright or license text in that file.

    Origin

    - Clause 1 of the IJG License

2. If you are distributing only libjpeg-turbo binaries without the source, or

    if you are distributing an application that statically links with

    libjpeg-turbo, then:

    1. Your product documentation must include a message stating:

    This software is based in part on the work of the Independent JPEG

    Group.

    Origin

    - Clause 2 of the IJG license

2. If your binary distribution includes or uses the TurboJPEG API, then

your product documentation must include the text of the Modified BSD

License.

Origin

- Clause 2 of the Modified BSD License

3. You cannot use the name of the IJG or The libjpeg-turbo Project or the

contributors thereof in advertising, publicity, etc.

Origin

- IJG License

- Clause 3 of the Modified BSD License

4. The IJG and The libjpeg-turbo Project do not warrant libjpeg-turbo to be

free of defects, nor do we accept any liability for undesirable

consequences resulting from your use of the software.

Origin

- IJG License

- Modified BSD License

- zlib License

8.14 zlib license

zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.4, March 14th, 2010

Copyright (C) 1995-2010 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

8.15 Creative Commons Attribution 3.0

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.

8.16   Custom License for iccjpeg

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.

8.17 GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1 (LGPL 2.1)

                    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 extend 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!

8.18 SGI Free Software License B

SGI FREE SOFTWARE LICENSE B (Version 2.0, Sept. 18, 2008)

Copyright (C) 1992 Silicon Graphics, 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, 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 including the dates of first publication and either

this permission notice or a reference to http://oss.sgi.com/projects/FreeB/

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 SILICON

GRAPHICS, INC. 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 Silicon Graphics, 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 Silicon

Graphics, Inc.

8.19 The Code Project Open License (CPOL) 1.02 (CppSQLite3)

CppSQLite3 - A C++ wrapper around the SQLite3 embedded database library.

Copyright (c) 2004..2007 Rob Groves. All Rights Reserved. rob.groves@btinternet.com

Permission to use, copy, modify, and distribute this software and its

documentation for any purpose, without fee, and without a written

agreement, is hereby granted, provided that the above copyright notice,

this paragraph and the following two paragraphs appear in all copies,

modifications, and distributions.

IN NO EVENT SHALL THE AUTHOR BE LIABLE TO ANY PARTY FOR DIRECT,

INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST

PROFITS, ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION,

EVEN IF THE AUTHOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE AUTHOR SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE AND ACCOMPANYING DOCUMENTATION, IF ANY, PROVIDED HEREUNDER IS PROVIDED "AS IS". THE AUTHOR HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

V3.0   03/08/2004   -Initial Version for sqlite3

V3.1   16/09/2004   -Implemented getXXXXField using sqlite3 functions

-Added CppSQLiteDB3::tableExists()

V3.2   01/07/2005   -Fixed execScalar to handle a NULL result

12/07/2007   -Added CppSQLiteDB::IsAutoCommitOn()

-Added int64 functions to CppSQLite3Query

-Added Name based parameter binding to CppSQLite3Statement.

V3.3   02/14/2019

-Added CppSQLite3Statement(__sqlite3* pDB, __sqlite3_stmt* pVM);

CppSQLite3Statement::bind(int nParam, const sqlite_int64 nValue);

CppSQLite3Statement::bind(int nParam, const uint64_t nValue);

CppSQLite3Statement::Step()

CppSQLite3Statement::DoTransaction(const char *str)

CppSQLite3Statement::BeginTransaction()

CppSQLite3Statement::CommitTransaction()

CppSQLite3Statement::RollbackTransaction()

CppSQLite3DB::getDB()

CppSQLite3DB::RestoreOrBackupDb() by OBIGO

8.20 ICU License

ICU License - ICU 1.8.1 and later

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2015 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.

_____

Third-Party Software Licenses

This section contains third-party software notices and/or additional

terms for licensed third-party software components included within ICU

libraries.

1. Unicode Data Files and Software

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2015 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) this copyright and permission notice appear with all copies

of the Data Files or Software,

(b) this copyright and 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.

  2. Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

The Google Chrome software developed by Google is licensed under

the BSD license. Other software included in this distribution is

provided under other licenses, as set forth below.

#

The BSD License

http://opensource.org/licenses/bsd-license.php

Copyright (C) 2006-2008, Google 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 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.

\#

\#

\#   The word list in cjdict.txt are generated by combining three

\#   word lists listed below with further processing for compound

\#   word breaking. The frequency is generated with an iterative

\#   training against Google web corpora.

\#

\#   * Libtabe (Chinese)

\#   - https://sourceforge.net/project/?group_id=1519

\#   - Its license terms and conditions are shown below.

\#

\#   * IPADIC (Japanese)

\#   - http://chasen.aist-nara.ac.jp/chasen/distribution.html

\#   - Its license terms and conditions are shown below.

\#

\#   ---------COPYING.libtabe ---- BEGIN-------------------

\#

\#   /*

\#   * Copyrighy (c) 1999 TaBE Project.

\#   * Copyright (c) 1999 Pai-Hsiang Hsiao.

\#   * 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 TaBE 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

#    * 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.

#    */

#

#    /*

#    * Copyright (c) 1999 Computer Systems and Communication Lab,

#    *               Institute of Information Science, Academia Sinica.

#    * 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 Computer Systems and Communication Lab

#    *   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.

#    */

#

#    Copyright 1996 Chih-Hao Tsai @ Beckman Institute, University of Illinois

#    c-tsai4@uiuc.edu  http://casper.beckman.uiuc.edu/~c-tsai4

#

#    --------------COPYING.libtabe-----END----------------------------------

#

#

#    --------------COPYING.ipadic-----BEGIN----------------------------------

#

#    Copyright 2000, 2001, 2002, 2003 Nara Institute of Science

#    and Technology.  All Rights Reserved.

#
```

\#   Use, reproduction, and distribution of this software is permitted.

\#   Any copy of this software, whether in its original form or modified,

\#   must include both the above copyright notice and the following

\#   paragraphs.

\#

\#   Nara Institute of Science and Technology (NAIST),

\#   the copyright holders, disclaims all warranties with regard to this

\#   software, including all implied warranties of merchantability and

\#   fitness, in no event shall NAIST 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 tortuous action, arising out

\#   of or in connection with the use or performance of this software.

\#

\#   A large portion of the dictionary entries

\#   originate from ICOT Free Software. The following conditions for ICOT

\#   Free Software applies to the current dictionary as well.

\#

\#   Each User may also freely distribute the Program, whether in its

\#   original form or modified, to any third party or parties, PROVIDED

\#   that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear

\#   on, or be attached to, the Program, which is distributed substantially

\#   in the same form as set out herein and that such intended

\#   distribution, if actually made, will neither violate or otherwise

\#   contravene any of the laws and regulations of the countries having

\#   jurisdiction over the User or the intended distribution itself.

\#

\#   NO WARRANTY

\#

\#   The program was produced on an experimental basis in the course of the

\#   research and development conducted during the project and is provided

\#   to users as so produced on an experimental basis. Accordingly, the

\#   program is provided without any warranty whatsoever, whether express,

\#   implied, statutory or otherwise. The term "warranty" used herein

\#   includes, but is not limited to, any warranty of the quality,

\#   performance, merchantability and fitness for a particular purpose of

\#   the program and the nonexistence of any infringement or violation of

\#   any right of any third party.

\#

\#   Each user of the program will agree and understand, and be deemed to

\#   have agreed and understood, that there is no warranty whatsoever for

\#   the program and, accordingly, the entire risk arising from or

\#   otherwise connected with the program is assumed by the user.

\#

\#   Therefore, neither ICOT, the copyright holder, or any other

\#   organization that participated in or was otherwise related to the

\#   development of the program and their respective officials, directors,

\#   officers and other employees shall be held liable for any and all

\#   damages, including, without limitation, general, special, incidental

\#   and consequential damages, arising out of or otherwise in connection

\#   with the use or inability to use the program or any product, material

\#   or result produced or otherwise obtained by using the program,

\#   regardless of whether they have been advised of, or otherwise had

\#   knowledge of, the possibility of such damages at any time during the

\#   project or thereafter. Each user will be deemed to have agreed to the

\#   foregoing by his or her commencement of use of the program. The term

\#   "use" as used herein includes, but is not limited to, the use,

\#   modification, copying and distribution of the program and the

\#   production of secondary products from the program.

\#

\#   In the case where the program, whether in its original form or

\#   modified, was distributed or delivered to or received by a user from

\#   any person, organization or entity other than ICOT, unless it makes or

\#   grants independently of ICOT any specific warranty to the user in

\#   writing, such person, organization or entity, will also be exempted

\#   from and not be held liable to the user for any such damages as noted

\#   above as far as the program is concerned.

\#

\#   ---------------COPYING.ipadic-----END----------------------------------

3. Lao Word Break Dictionary Data (laodict.txt)

\#   Copyright (c) 2013 International Business Machines Corporation

\#   and others. All Rights Reserved.

\#

\#   Project: http://code.google.com/p/lao-dictionary/

\#   Dictionary: http://lao-dictionary.googlecode.com/git/Lao-Dictionary.txt

\#   License: http://lao-dictionary.googlecode.com/git/Lao-Dictionary-LICENSE.txt

\#   (copied below)

\#

\#   This file is derived from the above dictionary, with slight modifications.

\#   --

\#   Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell.

\#   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.

#

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. Burmese Word Break Dictionary Data (burmesedict.txt)

Copyright (c) 2014 International Business Machines Corporation

and others. All Rights Reserved.

#

This list is part of a project hosted at:

\#   (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

\#   SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\#   --

5. Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database

for its time zone support. The ownership of the TZ database is explained

in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

7. Database Ownership

The TZ database itself is not an IETF Contribution or an IETF

document. Rather it is a pre-existing and regularly updated work

that is in the public domain, and is intended to remain in the public

domain. Therefore, BCPs 78 [RFC5378] and 79 [RFC3979] do not apply

to the TZ Database or contributions that individuals make to it.

Should any claims be made and substantiated against the TZ Database,

the organization that is providing the IANA Considerations defined in

this RFC, under the memorandum of understanding with the IETF,

currently ICANN, may act in accordance with all competent court

orders. No ownership claims will be made by ICANN or the IETF Trust

on the database or the code. Any person making a contribution to the

database or code waives all rights to future claims in that

contribution or in the TZ Database.

8.21 PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2 (Backports)

Python License (Python-2.0)

Python License, Version 2 (Python-2.0)

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

----

1. This LICENSE AGREEMENT is between the Python Software Foundation

("PSF"), and the Individual or Organization ("Licensee") accessing and

otherwise using this software ("Python") 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

alone or in any derivative version, provided, however, that PSF's

License Agreement and PSF's notice of copyright, i.e., "Copyright (c)

2001-2013 Python Software Foundation; All Rights Reserved" are retained in

Python 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 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.

4. PSF is making Python 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 WILL NOT

INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON

FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS

A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON,

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, Licensee

agrees to be bound by the terms and conditions of this License

Agreement.

8.22 PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2 (Python)

A. HISTORY OF THE SOFTWARE

=========================

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.
Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes

```
1.3 thru 1.5.2  1.2      1995-1999  CNRI      yes

1.6          1.5.2     2000       CNRI      no

2.0          1.6       2000       BeOpen.com  no

1.6.1        1.6       2001       CNRI      yes (2)

2.1          2.0+1.6.1  2001       PSF       no

2.0.1        2.0+1.6.1  2001       PSF       yes

2.1.1        2.1+2.0.1  2001       PSF       yes

2.1.2        2.1.1     2002       PSF       yes

2.1.3        2.1.2     2002       PSF       yes

2.2 and above   2.1.1     2001-now   PSF       yes
```

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under

    the GPL. All Python licenses, unlike the GPL, let you distribute

    a modified version without making your changes open source. The

    GPL-compatible licenses make it possible to combine Python with

    other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,

    because its license has a choice of law clause. According to

    CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1

    is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's

direction to make these releases possible.

B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON

==

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

----

1. This LICENSE AGREEMENT is between the Python Software Foundation

("PSF"), and the Individual or Organization ("Licensee") accessing and

otherwise using this software ("Python") 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 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, 2005, 2006, 2007, 2008, 2009, 2010,

2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation;

All Rights Reserved" are retained in Python 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 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.

4. PSF is making Python 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 WILL NOT

INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON

FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS

A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON,

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, Licensee

agrees to be bound by the terms and conditions of this License

Agreement.

BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0

BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an

office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the

Individual or Organization ("Licensee") accessing and otherwise using

this software in source or binary form and its associated

documentation ("the Software").

2. Subject to the terms and conditions of this BeOpen Python License

Agreement, BeOpen hereby grants Licensee a non-exclusive,

royalty-free, world-wide license to reproduce, analyze, test, perform

and/or display publicly, prepare derivative works, distribute, and

otherwise use the Software alone or in any derivative version,

provided, however, that the BeOpen Python License is retained in the

Software, alone or in any derivative version prepared by Licensee.

3. BeOpen is making the Software available to Licensee on an "AS IS"

basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR

IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND

DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS

FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT

INFRINGE ANY THIRD PARTY RIGHTS.

4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE

SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS

AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY

DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

5. This License Agreement will automatically terminate upon a material

breach of its terms and conditions.

6. This License Agreement shall be governed by and interpreted in all

respects by the law of the State of California, excluding conflict of

law provisions. Nothing in this License Agreement shall be deemed to

create any relationship of agency, partnership, or joint venture

between BeOpen and Licensee. This License Agreement does not grant

permission to use BeOpen trademarks or trade names in a trademark

sense to endorse or promote products or services of Licensee, or any

third party. As an exception, the "BeOpen Python" logos available at

http://www.pythonlabs.com/logos.html may be used according to the

permissions granted on that web page.

7. By copying, installing or otherwise using the software, Licensee

agrees to be bound by the terms and conditions of this License

Agreement.

CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1

----

1. This LICENSE AGREEMENT is between the Corporation for National

Research Initiatives, having an office at 1895 Preston White Drive,

Reston, VA 20191 ("CNRI"), and the Individual or Organization

("Licensee") accessing and otherwise using Python 1.6.1 software in

source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, CNRI

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 1.6.1

alone or in any derivative version, provided, however, that CNRI's

License Agreement and CNRI's notice of copyright, i.e., "Copyright (c)

1995-2001 Corporation for National Research Initiatives; All Rights

Reserved" are retained in Python 1.6.1 alone or in any derivative

version prepared by Licensee. Alternately, in lieu of CNRI's License

Agreement, Licensee may substitute the following text (omitting the

quotes): "Python 1.6.1 is made available subject to the terms and

conditions in CNRI's License Agreement. This Agreement together with

Python 1.6.1 may be located on the Internet using the following

unique, persistent identifier (known as a handle): 1895.22/1013. This

Agreement may also be obtained from a proxy server on the Internet

using the following URL: http://hdl.handle.net/1895.22/1013".

3. In the event Licensee prepares a derivative work that is based on

or incorporates Python 1.6.1 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 1.6.1.

4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS"

basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR

IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND

DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS

FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT

INFRINGE ANY THIRD PARTY RIGHTS.

5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON
1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS
A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1,
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. This License Agreement shall be governed by the federal
intellectual property law of the United States, including without
limitation the federal copyright law, and, to the extent such
U.S. federal law does not apply, by the law of the Commonwealth of
Virginia, excluding Virginia's conflict of law provisions.
Notwithstanding the foregoing, with regard to derivative works based
on Python 1.6.1 that incorporate non-separable material that was
previously distributed under the GNU General Public License (GPL), the
law of the Commonwealth of Virginia shall govern this License
Agreement only as to issues arising under or with respect to
Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this
License Agreement shall be deemed to create any relationship of
agency, partnership, or joint venture between CNRI and Licensee. This
License Agreement does not grant permission to use CNRI trademarks or
trade name in a trademark sense to endorse or promote products or
services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying,

installing or otherwise using Python 1.6.1, Licensee agrees to be

bound by the terms and conditions of this License Agreement.

ACCEPT

CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2

Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam,

The Netherlands. 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 Stichting Mathematisch

Centrum or CWI not be used in advertising or publicity pertaining to

distribution of the software without specific, written prior

permission.

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO

THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM 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.

8.23 Apache License, Version 2.0 (For Tornado)

Copyright 2016 Google Inc. All rights reserved.

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 2016, Google Inc.

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.

Modified files

07/11/2019 Patched "(URL : https://github.com/bdarnell/tornado/tree/cython)" by OBIGO

- gen.py   Fix coroutines in cython-compiled code

- gen_test.py   Add a complier directive to get gen_test (mostly) working when cythonized

- options.py   Work around cython incompatiblities in options.py

- options_test.py   Work around cython incompatiblities in options.py

- util.py   Make ArgReplacer compatible with cython.

- web_test.py   Also cythonize as many of the tests as possible.