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- o freetype@nongnu.org

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--- 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

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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

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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.

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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.

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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.

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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.

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- 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.
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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.

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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	
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rdware				
Android - platform - packages - apps - Bluetooth	android-5.1.0_r1	Apache License 2.0	http://developer.android.com/index.html	
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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	

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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 only AND GNU General Public License v2.0 or later)	https://www.kernel.org
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

3.2.Supplier : Android_OMR1


Supplier:Android_OMR1				
Name of OSS Component	Version	License	Home Page	Copyrights
ARM trusted firmware 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		

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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		

3.3.Supplier : Apertis


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		Copyright © 2011 Andreas Gruenbacher

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Apparmor	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

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3.4. Supplier : CGI

Supplier: CGI				
Name of OSS Component	Version	License	Home Page	Copyrights
ANGLE		BSD 3-Clause License		
Autodesk® FBX® SDK		Autodesk® FBX® SDK 2014 License Agreement		
AvalonDock		BSD 3-Clause		

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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		

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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		

3.5.Supplier : Escript


Supplier : Escript				
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.

3.6.Supplier : LG Innotek


Supplier: LG Innotek				
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abi	Android4.4	BSD-3-Clause	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project All rights

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aprd	Android4.4	GPL-2.0-only	http://developer.android.com/index.html	
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
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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
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busybox	1.17.1	GPL-2.0-only	http://developer.android.com/index.html	Copyright (C) 1998-2009 Erik Andersen, Rob Landley, Denys

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compress_simu	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
connectivity manager	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

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drmsrver	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
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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. Copyright 1990, 1991, 1992 Free Software Foundation, Inc. Written May 1989 by Mike Haertel. Copyright (C) 1985-2005 by the Massachusetts

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factorytest	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2006,2007,2014 The Android Open Source Project Copyright (C)

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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.

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ge2_libgps	GPS_GLO GE2_W17.4 0.5	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project
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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.

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input	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007, The Android Open Source Project
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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

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keystore	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008-2009, 2011-2013 The Android Open Source Project
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Libc	Android4.4	BSD-3-Clause AND BSD-4-Clause-UC	http://developer.android.com/index.html	Copyright (c) 2010, 2011 Intel Corporation
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			ml	Open Source Project
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libFmRecordHal	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
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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
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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	1.1.6	LGPL-2.0-or-later	http://developer.android.com/index.html	Copyright (C) 2005-2009 Linus Walleij <triad@df.lth.se>

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libselinux	Android4.4	Public-domain	http://developer.android.com/index.html	
libsparse	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010, 2012 The Android Open Source Project

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libssl	1.1.0i	OpenSSL	http://developer.android.com/index.html	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. Copyright 2002 Sun Microsystems, Inc
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

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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
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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
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media	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2013, The Android Open Source Project
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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
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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	
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
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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
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sqlite	3.7.11	Public-domain	http://developer.android.com/index.html	
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
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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)

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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

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Attr	2.4 .47	General Public License v2.1 or later	http://savannah.nongnu.org/projects/attr	
AutoOpts	Unspecified	BSD 3-clause "New" or "Revised" License	https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts	
barebox	2016.05.00	General Public License v2	http://github.com/RobertCNelson/barebox/	

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		.0 or lat er		
Berkeley	Un sp eci fie d	B S D 3- cla use "N ew " or "R evi se d" Lic ense	http://www.berkeley.edu/	
Berkeley_test	Un sp eci fie d	B S D 3- cla use "N ew " or "R evi se d" Lic ense	http://www.berkeley.edu/	
bison	3.0 .2, 2.5	G N U G en er al Pu bli c Lic ense v3	http://savannah.gnu.org/projects/bison/	

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		.0 or later with Bison exception 2.2		
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 Universal Permissive License v2.0 or later	http://www.busybox.net	
Bzip2	1.0.6	Bzip	http://www.bzip.org/	

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		2 Lic en se		
CANUTIL	4.0 .6	GNUG General Public License v2 .0 or later	http://www.pengutronix.de/software/socket-can/download/canutils/v4.0/	
Convert UTF.h	Un speci fied	License for Unicode	http://unicode.org/	
crda	3.1 8	ISC License	http://github.com/indor/crda/	
Das U-Boot - Universal Bootloader	Un speci fied	GNU UG General Public License v2 .0 or later	http://www.denx.de/wiki/U-Boot/WebHome	
D-Bus	1.1 0.2	Acad	http://www.freedesktop.org/wiki/Intro	

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		em mi c Fr ee Lic en se v2 .1	roductionToDBus	
dbus-glib	0.104	Ac ad e mi c Fr ee Lic en se v2 .1	http://www.freedesktop.org/wiki/Software/dbus	
dotzlib	Unspecified	Bo so t So ftw ar e Lic en se 1. 0	https://github.com/madler/zlib/tree/master/contrib/dotzlib	
dt-utils	dt-utilities	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://www.pengutronix.de/	
eCryptfs	108	G N	http://sourceforge.net/projects/ecryp	

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ecryptfs - userspace		U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	tfs/	
eudev	Un s p e c i f i e d	G N U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	http://github.com/gentoo/eudev/	
Expat XML Parser - libexpat	Un s p e c i f i e d	M I T L i c e n s e	http://www.libexpat.org/	
Filesystem in Userspace	2.9 .4	G N U G e n e r a l P u b l i c L i c e n s e v 2 .0	http://sourceforge.net/projects/fuse/	

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gshell opt	Un sp eci fie d	or lat er G N U L i b r a r y G e n e r a l P u b l i c L i c e n s e v 2 o r l a t e r	https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts	
gkernel - rng- tools	5	G N U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	http://sourceforge.net/projects/gkernel/	
Glib	2.4 6.0	G N U L i b r a r y G e n e r a l P u	https://developer.gnome.org/glib/	

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GMP - GNU Multiple Precision Arithmet ic Library	6.0 .0a	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://gmplib.org/	
GNOM E Network Manage r	1.0 .10	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://www.gnome.org/projects/NetworkManager/	
GNU C Library - glibc	Un sp eci fied	G N U L e ss er G en er	http://www.gnu.org/software/libc/libc.html	

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GNU Get Text	0.1 5	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://www.gnu.org/software/gettext/	
GNU gettext	0.1 8.2	G N U Li br ar y G en er al Pu bli c Lic en se v2 or lat er	http://savannah.gnu.org/projects/gettext/	
GnuTLS	3.3 .13	G N U	http://savannah.gnu.org/projects/gnutls/	

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Gnutls_ Affero	Un sp eci fie d	G N U Aff er o G en er al Pu bli c Lic en se v3 .0	https://github.com/ShiftMediaProject/gnutls/tree/master/tests	
google mock	1.7 .0	B S D 3- cla us e "N ew " or "R evi se d" Lic en se	http://code.google.com/p/googlemock/	

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Gstreamer	0.1 0.3 6	G N U L i b r a r y G e n e r a l P u b l i c L i c e n s e v 2 o r l a t e r	http://gstreamer.fr/eedesktop.org/modules/	
GSTRE AMER PLUGIN S-BASE	0.1 0.3 6	G N U L e s s e r G e n e r a l P u b l i c L i c e n s e v 2 .1 o r l a t e r	http://gstreamer.fr/eedesktop.org/src/gst-plugins-base/	
hostapd - IEEE 802.11 AP & IEEE 802.1X/ WPA/W PA2/EAP/ RADIUS Authenticator	2.5	B S D 3- c l a u s e " N e w " o r " R	http://hostap.epitest.fi/hostapd/	

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		evi se d" Lic en se		
htop	1.0 .3	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://github.com/hishamhm/htop/	
IDEA_F UNCTI ON	Un sp eci fie d	MI T v2 wit h Ad Cl au se Lic en se	https://github.com/ShiftMediaProject/libgcr/tree/master/cipher	
imx_usb _loader	Un sp eci fie d	G N U Le ss er G en er al Pu bli c Lic en se v2 .1	http://github.com/boundarydevices/imx_usb_loader/	

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		or lat er		
Info-Zip	3.0	Info-Zip Updated License	http://www.infozip.org/pub/infozip/Zip.html	
Iperf	2.0.5	Iperf License	http://sourceforge.net/projects/iperf/	
IPTables	1.4.21	GNU General Public License v2.0 or later	http://www.netfilter.org/	
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	http://people.redhat.com/~dhowells/	

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		U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	keyutils/	
Kmod_L inux	22	G N U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	https://github.com/lucasdemarchi/kmod	
Less	44 3	L e s s L i c e n s e	http://www.greenwoodsoftware.com/less/	
Lib Cap	2.2 4	B S D 3- c l a u s e " N e w " o r " R e v i s e d "	http://sites.google.com/site/fullycapable/	

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		Lic en se		
libboost	Un sp eci fie d	Bo os t So ftw ar e Lic en se 1. 0		
libtserv iceapi	Un sp eci fie d	Un sp eci fie d		
libtserv iceapi	Un sp eci fie d	Ro be rt Bo sc h Pr op rie tar y		
libetrac e	Un sp eci fie d	Ro be rt Bo sc h Pr op rie tar y		
libffi	3.2 .1	Li bfi Lic en se	http://sourceware.org/libffi/	
libgcrypt	Un sp eci fie d	G N U Le ss er	http://www.gnupg.org	

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		G e n e r a l P u b l i c L i c e n s e v 2 .1 o r l a t e r		
libgrypt _GPL	1.7 .6	G N U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	https://github.com/ShiftMediaProject/libgrypt/tree/libgrypt-1.7.6	
Libpgp- error Lib	1.2 0	G N U L e s s e r G e n e r a l P u b l i c L i c e n s e v 2 .1 o r l a t e r	http://www.gnupg.org/	

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libgudev	230	G N U L i b r a r y G e n e r a l P u b l i c L i c e n s e v 2 o r l a t e r	https://wiki.gnome.org/Projects/libgudev	
libmnl	Unspecified	G N U L e s s e r G e n e r a l P u b l i c L i c e n s e v 2 .1 o r l a t e r	http://www.netfilter.org/projects/libmnl/	
libmount	Unspecified	G N U L e s s e r G e n e r a l P u b l i	https://github.com/karelzak/util-linux/tree/master/libmount	

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libndp	lib nd p_t est 1	G N U Le ss er G en er al Pu bli c Lic en se v2 .1 or lat er	http://libndp.org/	
libnftnl	Un sp eci fie d	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://www.netfilter.org/projects/libnftnl/	
libnl - Netlink Library	3.2 .25	G N U Le ss er	http://www.infradead.org/~tgr/libnl/	

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		General Public License v2.1 or later		
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	Unspeci	GNU	https://github.com/karelzak/util-linux/tree/master/li	

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	field	Lesser General Public License v2.1 or later	bsmartcols	
libsocketcan	0.0.10	Lesser General Public License v2.1 or later	http://www.pengutronix.de/software/libsocketcan/download/	
Libtasn1	3.2	Lesser General Public License	http://www.gnu.org/software/libtasn1/	

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		se v2 .1 or lat er		
libtopas _test	Un sp eci fie d	Ro be rt Bo sc h Pr op rie tar y		
libtopas apidtsi	Un sp eci fie d	Ro be rt Bo sc h Pr op rie tar y		
libusb	1.0 .18	G N U Le ss er G en er al Pu bli c Lic en se v2 .1 or lat er	http://sourceforge.net/projects/libusb/	
libuuid	Un sp eci fie d	B S D 3- cla	https://github.com/karelzak/util-linux/tree/master/libuuid	

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		use "New" or "Revised" License		
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	http://www.kernel.org/	

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		Public License v2.0 only		
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/log4cplusplus/	
Logging Framework for C++	1.1.2	Apache License 2.0	http://sourceforge.net/projects/log4cplusplus/	
Logrotate Utility	3.9.1	GNU General Public License	https://fedorahosted.org/logrotate/	

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		en se v2 .0 or lat er		
lrzsz	0.1 2.2 0	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://www.ohse.de/uwe/software/lrzsz.html	
ltmain.sh	Un sp eci fie d	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://www.gnu.org	
luafilesystem	v_ 1_ 6_ 3	MI T Lic en se	http://github.com/keplerproject/luafil esystem/	
Minicom	2.6 .2	G N U G en er	http://alioth.debian.org/projects/minicom/	

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		al Pu bli c Lic en se v2 .0 or lat er		
mtd- utils	1.5 .2	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://git.infradead.org/mtd-utils.git	
ncurses	5.9	X1 1 Lic en se	https://www.gnu.org/software/ncurses/ncurses.html	
Nettle	2.7 .1	G N U L e s s e r G e n e r a l P u b l i c L i c e n s e v 2 .1 o r	http://www.lysator.liu.se/~nisse/nettle/	

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NYS_Library	Unspecified	Later	https://github.com/stevenylai/ralink_sdk/blob/master/source/user/eatables-v2.0.9-2/getethertype.c	
OpenSSH	7.1p2	BSD 2-clause "Simplified" License	http://www.openssh.com/portable.html	
OpenSSL	1.0.2e, 1.1.1k	OpenSSL Combined License	http://www.openssl.org/	Copyright (c) 1995-2022 The OpenSSL Project Authors, Copyright (c) 2005-2011 Wind River Systems Inc., Copyright (c) 2011 RTFM Inc., Copyright (c) 2002 Oracle and or its affiliates, Copyright (c) 2002 Nokia, Copyright (c) 2006 Network Resonance Inc.
opkg	0.3.0	GNU	https://git.yoctoproject.org/cgit/cgit.cgi/opkg/	

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		en er al Pu bli c Lic en se v2 .0 or lat er		
PCRE	8.3 2	P C R E 5 Lic en se	http://sourceforge.net/projects/pcre/	
PCSC Lite	Un sp eci fie d	B S D 3- cla use "N ew " or "R evi se d" Lic en se	http://pcsc-lite.alioth.debian.org/	
Popt	1.1 5	X1 1 Lic en se	http://freshmeat.net/projects/popt/	
ppp - Pauls PPP Packag e	Un sp eci fie d	G N U G en er al Pu bli	http://ppp.samba.org/ppp/index.html	

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		c Lic en se v2 .0 or lat er		
ppp - Pauls PPP Package	2.4 .7	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	https://ppp.samba.org/index.html	
protobuf	2.5 .0 3.9 .0	B S D 3- Cl au se "N ew " or "R evi se d" Lic en se	http://code.google.com/p/protobuf/	
ReadLine Front-End	Un sp eci fied	G N U G en er al Pu bli	https://github.com/issuu/readline/tree/master/examples/rife	

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		c L i c e n s e v 2 .0 o r l a t e r		
rsync	2.6 .9	G N U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	http://samba.anu.edu.au/rsync/	
S Trace	4.1 0	B S D 3- c l a u s e "N e w " o r "R e v i s e d" L i c e n s e	http://sourceforge.net/projects/strace/	
siphash	Un s p e c i f i e d	P u b l i c D o m a i n	http://github.com/dchest/siphash/	
smhasher	30 90	P u b l i	http://code.google.com/p/smhasher/	

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	200	cc Domain		
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	Unspecified	Berkeley	http://sourceforge.net/projects/adns/	

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DNS lookup library	filed	re License		
TLSF	1.9	Public Domain	http://tlsf.baisoku.org	
UBIFS	Unspecified	GNU General Public License v2.0 or later	http://www.linux-mtd.infradead.org/doc/ubifs.html	
uClibc - AC 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	https://www.kernel.org/pub/linux/utils/usb/usbutils/	

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		en er al Pu bli c Lic en se v2 .0 or lat er		
USB-DFU	1.0	G N U G en er al Pu bli c Lic en se v2 .0 or lat er	http://www.usb.org/home	
usbnet	Un sp eci fied	G N U L e s s e r G en er al Pu bli c Lic en se v2 .1 or lat er	http://www.linux-usb.org/usbnet/	
Util-	2.2	G	http://freshmeat.n	

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Linux	7.1	N U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	et/projects/util-linux/	
util-unix-ng	Un s p e c i f i e d	G N U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	http://userweb.kernel.org/~kzak/util-linux-ng/	
Wide_Project	Un s p e c i f i e d	B S D 3- c l a u s e "N e w" o r "R e v i s e d" L i c e n s e	http://www.wide.ad.jp/index.html	
wireless	30	G	http://www.hpl.hp.	

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-tools		N U G e n e r a l P u b l i c L i c e n s e v 2 .0 o r l a t e r	com/personal/Jean_Tourrilhes/Linux/Tools.html	
wpa_supplicant - IEEE 802.1X, WPA, WPA2, RSN, IEEE 802.11i	2.5	B S D 3- c l a u s e " N e w " o r " R e v i s e d " L i c e n s e	http://hostap.epitest.fi/wpa_supplicant/	
XZ Utils	5.0 .4	P u b l i c D o m a i n	http://tukaani.org/xz/	
yajl	U n s p e c i f i e d	I S C L i c e n s e	http://github.com/llloyd/yajl/	
yajl	2.1 .0	I S C L i c e n s e	http://github.com/llloyd/yajl/	
zlib	1.2 .8,	z l i b	http://www.zlib.net	

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	1.1 .3	Lic en se		
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3.8.Supplier: Nuance


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

3.9.Supplier : OMRON


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.

3.10.Supplier : Real_VNC_3_2


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+ with 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_		GNU		Copyright © 2014

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backport.patch		General Public License v2.0 or later		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	1027gd46416c-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_	Apache License 2.0		Copyright 2005-2013, The Android Open Source Project

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	r1 android4.4_ r1			
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 Turbault <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		

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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	2.9.9	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		Copyright 2004-2010

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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 BSP 1.6 (Daisy)	MIT license		Copyright © 2012-2014 Otavio Salvador.
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		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,

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		Corporation - Panoramic components	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.

3.11. Supplier : Redbend_SWM


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.android.com/index.html	
Android - platform - frameworks - base	4.0.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - prebuilts - sdk	4.4_r1	Apache License 2.0	http://developer.android.com/index.html	
Android SDK Support Libraries	19	Apache License 2.0	https://developer.android.com/tools/support-library/index.html	
Android SDK Support Libraries	23.1.1	Apache License 2.0	https://developer.android.com/tools/support-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/tugstugi/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/olado/doT/	
jquery	2.0.3	MIT License	http://github.com/jquery/jquery/	
jquery_mobile_rails	1.3.2	MIT License	http://rubygems.org/gems/jquery_mobile_rails	
SafeSlinger-	1.8.3-	MIT	http://github.com/SafeSlingerProject/SafeSlinger	

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Android	messenger	License	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.wiretapped.net/security/cryptography/hash es/sha1	
SyncML C Toolkit	4.0.3	SyncML License	http://sourceforge.net/projects/syncmlctoolkit/	

3.12.Supplier : Redbend


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	

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Freescaler 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	


3.13.Supplier : Teseo

Supplier: Teseo				
Component name	Version	License	Homepage	Copyright
FATFS				

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3.14. Supplier : SK_telecom


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
gpplib	Unspecified	Commercial License	http://github.com/rdpeng/gpplib/	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/	

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3.15. Node Modules 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
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2. I want to package these fonts separately for distribution and sale as part of a larger software package or system. Can I do so?

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3. Are derivative works allowed?

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4. Can I change or add to the font(s)?

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5. Under what terms are derivative works allowed?

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6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

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7. I want to sell a software package that uses these fonts: Can I do so?

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8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source systems and software (e.g., Gnome, KDE, etc.) are now converting to use fontconfig (see www.fontconfig.org) to handle font configuration, selection and substitution; it has provisions for overriding font names and substituting alternatives. An example is provided by the supplied local.conf file, which chooses the family Bitstream Vera for "sans", "serif" and "monospace". Other software (e.g., the XFree86 core server) has other mechanisms for font substitution.

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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 12/07/2007	-Fixed execScalar to handle a NULL result -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

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```
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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

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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 compiler directive to get gen_test (mostly) working when cythonized
- options.py Work around cython incompatibilities in options.py
- options_test.py Work around cython incompatibilities in options.py
- util.py Make ArgReplacer compatible with cython.
- web_test.py Also cythonize as many of the tests as possible.


4.106.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

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Jean-loup Gailly

5 Supplier: Obigo Component

5.1. 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

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5.2 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

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5.3 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 2.3

5.4 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 2.3

5.5 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 2.3


5.6 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 2.3

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5.7 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 2.3

5.8 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 2.3

5.9 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 2.3


5.10 array-map -0.0.0

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

Available under the license: MIT License

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

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5.11 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>

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5.12 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 2.3

5.13 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 2.3


5.14 photoswipe-4.1

Description: JavaScript image gallery for mobile and desktop

Available under the license: MIT License

Copyright (c): Dmitry Semenov

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5.15 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 2.3

5.16 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 2.3

5.17 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 2.3


5.18 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 2.4, 2.6

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5.19 acrchiver – 2.1.1

Description: a streaming interface for archive generation

Available under the license: MIT License

Copyright (c): 2012-2014 Chris Talkington

Terms and Conditions: Refer Section 2.3

5.20 async – 2.6.3

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 2.3

5.21 bluebird – 3.5.5

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 2.3 **6.22 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 2.3

5.23 extract-zip- 1.7.0

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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 2.8

5.24 fs-extra – 2.1.2

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 2.3

5.25 iconv-lite – 0.4.24

Description: Convert character encodings in pure javascript.

Available under the license: MIT License

Copyright (c): 2011 Alexander Shtuchkin

Terms and Conditions: Refer Section 2.3


5.26 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>

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5.27 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 2.3

5.28 lodash – 4.17.15

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 2.3

5.29 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 2.8


5.30 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 2.3

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5.31 ssh2 – 0.5.5

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 2.3

5.32 sshpk – 1.16.1

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 2.3

5.33 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 2.3

5.34 vboxmanage.js – 1.0.6

Description: A wrapper for VirtualBox CLI with Promises

Available under the license: MIT License

Copyright (c): 2016 Daniel Cohen Gindi

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5.35 xml2js – 0.4.23

Description: Simple XML to JavaScript object converter. It supports bi-directional conversion

Available under the license: MIT License

Copyright (c): 2010, 2011, 2012, 2013. All rights reserved.

Terms and Conditions: Refer Section 2.3

5.36 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 2.3

5.37 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 2.9

5.38 SlowAES – 0.1a1

Description: Implementations of AES in pure scripting languages

Available under the license: Apache License

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Copyright (c): Josh Davis

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5.39 which – 1.0.5

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 2.3

5.40 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 2.3

5.41 moment.js – 2.24.0


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

Available under the license: MIT License

Copyright (c): JS Foundation

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5.42 bootstrap – 2.3.1

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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 2.3

5.43 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):

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5.44 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

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5.45 CppSQLite -C++ Wrapper for SQLite – 3.2

Description: CppSQLite3 - A C++ wrapper around the SQLite3 embedded database library

Available under the license: CPOL 1.02

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

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5.46 afl-fuzz-2.31b

Description: Tool for in-process and out-of-process (fork) coverage-guided fuzz testing (fuzzing). Similar to libFuzzer.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 2.6

5.47 android crazy linker

Description: Fork of the Android NDK crazy linker.

Available under the license: BSD 3 License

Copyright (c): 2014 The Chromium Authors

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5.48 platform_system_core

Description: libsync helper library.

Available under the license: Apache 2.0 License


Copyright (c):

Terms and Conditions: Refer 2.6

5.49 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

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

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5.50 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.

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5.51 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 - 2.22

5.52 breakpad-origin/chrome_53


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

URL: <https://chromium.googlesource.com/breakpad/breakpad>

Available under the license: BSD 3, Apple PSL 2.0 and Apache 2.0 License

Copyright (c): 2006, Google Inc.

Terms and Conditions: Refer Section 2.5, 2.24, 2.6

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Source Code :
<https://chromium.googlesource.com/chromium/src/+refs/tags/55.0.2883.75/breakpad/LICENSE>

5.53 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 2.3

5.54 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: BSD 3 License

Copyright (c): 2015 The Chromium Authors

Terms and Conditions: Refer Section 2.5

5.55 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 License

Copyright (c):

Terms and Conditions: Refer Section 2.6

5.56 cld2-master_2017-12-14

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

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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 2.6

5.57 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 2.3

5.58 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 2.6

5.59 cld3-2f6624f0a6d6fd8f76bdcae38558c73d23ebec1e

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 2.6

5.60 coveragepy-coverage-4.0.3

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.

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Available under the license: Apache 2.0 License

Copyright (c): 2004-2015 Ned Batchelder.

Terms and Conditions: Refer Section 2.6

5.61 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 2.6

5.62 dm_g_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 2.27

5.63 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 2.6

5.64 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

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

Terms and Conditions: Refer Section 2.5

5.65 flatbuffers-v1.2.0

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 2.6

5.66 freetype2-VER-2-8-1

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 - 2.12

5.67 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 2.28

5.68 googlemock-release-1.7.0

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

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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 2.5

5.69 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 2.5

5.70 grpc-v1.4.7

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

Available under the license: BSD 3 License

Copyright (c): 2015, Google Inc.

Terms and Conditions: Refer Section 2.5

5.71 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 2.29

5.72 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.

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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 - 2.13

5.73 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 2.17

5.74 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 2.3

5.75 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 2.3, 2.15

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5.76 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 2.5

5.77 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 2.6

5.78 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 2.5


5.79 dist-llvm-master_2010-04-15

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 2.7

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5.80 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.

Changes : Security vulnerability patch applied (CVE-2017-15232)

Available under the license: Custom License (IJG license), BSD 3 License, Zlib License

Copyright (c):

Terms and Conditions: Refer Section 2.30, 2.5, 2.1

5.81 libphonenumber-v8.9.8

Description: International Phone Number Library

Available under the license: Apache 2.0 License

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

Terms and Conditions: Refer Section 2.6

5.82 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 2.11

5.83 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 2.5

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5.84 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 2.5

5.85 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 2.5


5.86 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 2.31

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5.87 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 2.3

5.88 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 2.3

5.89 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 2.3

5.90 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 2.5

5.91 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.

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Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

5.92 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 2.5

5.93 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 2.5

5.94 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

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Copyright (c): 2014 The Chromium Authors.

Terms and Conditions: Refer Section 2.5

5.95 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 2.5

5.96 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 2.5

5.97openh264-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 2.8

5.98opus-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,

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Jean-Marc Valin, Timothy B. Terriberry,
CSIRO, Gregory Maxwell, Mark Borgerding,
Erik de Castro Lopo

Terms and Conditions: Refer Section 2.5

5.99 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 2.5

5.100 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 2.5

5.101 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 2.5

5.102 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.

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Terms and Conditions: Refer Section 2.32

5.103 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 2.3

5.104 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 2.5

5.105 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 2.33

5.106 shaderc-v2018.0

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

Available under the license: Apache 2.0 License

Copyright (c):

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Terms and Conditions: Refer Section 2.6

5.107 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 2.5

5.108 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 2.3

5.109 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 2.5

5.110 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 2.5

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5.111 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 2.3

5.112 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 2.10

5.113 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 2.5

5.114 url_parse

Description: The file url_parse.cc is based on nsURLParsers.cc from Mozilla.

Available under the license: BSD 3 license, MPL 1.1 License


Copyright (c): 2007, Google Inc.

Terms and Conditions: Refer Section - 2.5, 2.4

5.115 usrsctp-0.9.3.0

Description: The usrsctplib provides implementation of SCTP protocol which fully supports RFC 2960.

Available under the license: BSD 2 License

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Copyright (c): 2001, 2002 Cisco Systems, Inc, 2002-12 Randall R. Stewart, 2002-12 Michael Tuexen

Terms and Conditions: Refer Section 2.8

5.116 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 2.5

5.117 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 2.3

5.118 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

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2014 Jason Ekstrand

2014-2015 Collabora, Ltd.

2015 Red Hat Inc.

Terms and Conditions: Refer Section 2.3

5.119 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: MIT License

Copyright (c):

Terms and Conditions: Refer Section 2.3

5.120webrtc-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 2.5


5.121 woff2-a15a8ab86b934cf436f8fac4a8a11ddf8b59d792

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 2.3

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5.122 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 2.1

5.123 boost_1_64_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 2.2

5.124 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): 2007-2010 Baptiste Lepilleur and The JsonCpp Authors

Terms and Conditions: Refer Section 2.3

5.125 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 2.3

5.126 uriparser-0.8.5

Description: RFC 3986 URI parsing library

Available under the license: BSD 3 License

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Copyright (c): 2007, Weijia Song
2007, Sebastian Pipping
Terms and Conditions: Refer Section 2.5

5.127 xmlsec1-1.2.24

Description: XML Security with nss(certificates)
Available under the license: MPL v1.1
Copyright (c):2002-2016 Aleksey Sanin
Terms and Conditions: Refer Section 2.25

5.128 Tornado-4.1

Description: Tornado is a Python web framework and asynchronous networking library
Available under the license: Apache License 2.0
Copyright (c): 2017, Obigo
Terms and Conditions: Refer Section 2.20

5.129 Ujson-1.35

Description: An ultra fast JSON encoder and decoder written in pure C with bindings for Python 2.5+ and 3.
Available under the license: BSD 3 License
Copyright (c): 2014, Electronic Arts Inc.
Terms and Conditions: Refer Section 2.21

5.130 Python-2.7.9

Description: Python is a widely used high-level programming language for general-purpose programming
Available under the license: Python License v2.0
Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010,

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2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation

Terms and Conditions: Refer Section 2.19

5.131 Backports-3.4.0.2

Description: Backports provide greater sanity, and a bit more organization, in the Package Index.

Available under the license: Python License 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 2.18

5.132 babel-runtime - 6.26.0

Description: The compiler for writing next generation JavaScript.

Available under the license: MIT License

Copyright ©: 2014-present Sebastian McKenzie and other contributors

Terms and Conditions: Refer Section 2.3

5.133 core-js-2.5.1

Description: Modular standard library for JavaScript

Available under the license: MIT License

Copyright (c): 2014-2020 Denis Pushkarev

Terms and Conditions: Refer Section 2.3

5.134 css-loader-0.25.0

Description: The css-loader interprets @import and url() like import/require() and will resolve them.

Available under the license: MIT License

Copyright ©: JS Foundation and other contributors

Terms and Conditions: Refer Section 2.3

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5.135 vue-loader-13.7.2

Description: Webpack loader for Vue Single-File Components

Available under the license: MIT License

Copyright ©: 2015-present Yuxi (Evan) You

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5.136 Blackmagic DeckLink SDK 9.6.4-master_2012-10-10

Description: Verbatim from the pdf included in the original download:

"The DeckLink SDK provides a stable, cross- platform interface to a Blackmagic Design DeckLink product line. The SDK provides both low-level control of hardware and high-level interfaces to allow developers to easily perform common tasks

Available under the license: BSL

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5.137 aes-js - 3.1.2

Description: A pure JavaScript implementation of the AES block cipher algorithm and all common modes of operation (CBC, CFB, CTR, ECB and OFB).

Available under the license: MIT License

Copyright (c): 2015 Richard Moore


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5.138 mosquito-v1.6.7

Description: Open source (EPL/EDL licensed) message broker that implements the MQTT protocol

URL : <https://mosquitto.org/>

Available under the license: Eclipse Public License 1.0, Eclipse Distribution License 1.0

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Copyright (c): 2010-2014 Roger Light <roger@atchoo.org>

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5.139 atob - 2.1.2

Description: Uses Buffer to emulate the exact functionality of the browser's atob.

Available under the license: MIT License , Apache 2.0 License

Copyright (c): 2015 AJ ONeal

Terms and Conditions: Refer Section 2.3, 2.6

5.140 cli-spinners - 1.3.1

Description: Spinners for use in the terminal

Available under the license: MIT License

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

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5.141 vue-i18n

Description: Internationalization plugin for Vue.js

Available under the license: MIT License

Copyright (c): 2016 kazuya kawaguchi

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5.142 vue-router

Description: The official router for Vue.js

Available under the license: MIT License

Copyright (c): 2013-present Evan You

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5.143 vue-style-loader

Description: A fork based on style-loader

Available under the license: MIT License

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5.144 webpack

Description: A module bundler

Available under the license: MIT License

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5.145 cli-table-redemption - 1.0.1

Description: Rrender unicode-aided tables on the command line from node.js scripts.

Available under the license: MIT License

Copyright (c): 2011-2017 Automattic, 2017 Keymetrics

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5.146 co - 4.6.0

Description: Generator based control flow goodness for nodejs and the browser, using promises, letting you write non-blocking code in a nice-ish way.

Available under the license: MIT License

Copyright (c): 2014 TJ Holowaychuk <tj@vision-media.ca>

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5.147 commander - 2.20.3

Description: The complete solution for node.js command-line interfaces, inspired by Ruby's commander.

Available under the license: MIT License

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Copyright (c): 2014 TJ Holowaychuk <tj@vision-media.ca>;

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5.148 fs-extra - 3.0.1

Description: Adds file system methods that aren't included in the native fs module and adds promise support to the fs methods.

Available under the license: MIT License

Copyright (c): 2011-2017 JP Richardson

Terms and Conditions: Refer Section 2.3

5.149 inquirer - 3.3.0

Description: A collection of common interactive command line user interfaces.

Available under the license: MIT License

Copyright (c): 2012 Simon Boudrias

Terms and Conditions: Refer Section 2.3

5.150 ora - 1.4.0

Description: Elegant terminal spinner

Available under the license: MIT License

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

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5.151 thunkify - 2.1.2

Description: Turn a regular node function into one which returns a thunk, useful for generator-based flow control such as co.

Available under the license: MIT License

Copyright (c): 2018 TJ Holowaychuk

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5.152 unzip - 0.1.11

Description: Streaming cross-platform unzip tool written in node.js.

Available under the license: MIT License

Copyright (c): 2012 - 2013 Near Infinity Corporation

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5.153 xmldom - 0.1.31

Description: A JavaScript implementation of W3C DOM for Node.js, Rhino and the browser

Available under the license: MIT License

Copyright (c): None

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5.154 xpath - 0.0.24

Description: DOM 3 XPath 1.0 implementation and helper for JavaScript, with node.js support.

Available under the license: MIT License

Copyright (c): 2018 Cameron McCormack

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5.155 npm-cli-login - 0.1.1

Description: Allows to log in to NPM without STDIN, STDOUT


Available under the license: Apache 2.0 License

Copyright (c): None

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5.100 ozone-wayland-45.0.2454.376.156 selenium-webdriver-master_2015-05-28

Description: WebDriver is a clean, fast framework for automated testing of webapps.

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Available under the license: Apache 2.0 License

Copyright (c): 2007-2009 Google Inc.

2007-2009 WebDriver committers

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5.157 glog-v0.3.4

Description: libsync helper library

Available under the license: BSD 3 License

Copyright (c): 2010 The Chromium Authors

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5.158 freetype-freetype-2.6.1

Description: FreeType library.

Available under the license: FreeType License (FTL)

Copyright (c): 1996-2015 by David Turner, Robert Wilhelm, and Werner Lemberg

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5.159 jsoncpp-1.6.2

Description: The JsonCpp library's source code, including accompanying documentation, tests and demonstration applications, are licensed under the following conditions...


Available under the license: MIT License

Copyright (c): 2007-2010 Baptiste Lepilleur

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5.160 brackets - 1.11

Description: A modern open-source code editor for HTML, CSS and JavaScript that's built in HTML, CSS and JavaScript.

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5.161bootstrap-toggle - 2.2.2

Description: Bootstrap Toggle is a highly flexible Bootstrap plugin that converts checkboxes into toggles.

Available under the license: MIT License

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5.162Toastr

Description: A Javascript library for non-blocking notifications. jQuery is required

Available under the license: MIT License

Copyright (c): Terms and Conditions: Refer Section 2.3

5.163sqlite-version-3.7.6.2

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):


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Fixed a potential null pointer dereference in `png_set_text_2()` (bug report and patch by Patrick Keshishian).

Using custom versions of `pnglibconf.h` and `pngprefix.h` for Chrome.

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Glenn Randers-Pehrson
glennrp at users.sourceforge.net
May 26, 2016

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o freetype-devel@nongnu.org

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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 int64 functions to CppSQLite3Query

-Throw exception from CppSQLite3DB::close() if error

-Trap above exception in CppSQLite3DB::~~CppSQLite3DB()

-Fix to CppSQLite3DB::compile() as provided by Dave Rollins.

-sqlite3_prepare replaced with sqlite3_prepare_v2

-Added Name based parameter binding to CppSQLite3Statement.

V3.3 02/14/2019 -Added CppSQLite3Statement(__sqlite3* pDB, __sqlite3_stmt* pVM);

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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


05/07/2019 -Modified CppSQLite3DB::CommitTransaction(const char *str = NULL) by OBIGO

05/10/2021 -throw exception from CppSQLite3DB::CommitTransaction(const char *str = NULL) by OBIGO

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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

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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 compiler directive to get gen_test (mostly) working when cythonized
- options.py Work around cython incompatibilities in options.py
- options_test.py Work around cython incompatibilities in options.py
- util.py Make ArgReplacer compatible with cython.
- web_test.py Also cythonize as many of the tests as possible.

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Portions of code from MODP_ASCII - Ascii transformations (upper/lower, etc)

<http://code.google.com/p/stringencoders/>

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- 27287199
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libjpeg-turbo note: This file has been modified by The libjpeg-turbo Project to include only information relevant to libjpeg-turbo, to wordsmith certain sections, and to remove impolitic language that existed in the libjpeg v8 README. It is included only for reference. Please see README.md for information specific to libjpeg-turbo.

The Independent JPEG Group's JPEG software

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This distribution contains a release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone, Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together with ITU-T SG16).

DOCUMENTATION ROADMAP

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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.

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LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

usage.txt Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.txt).
wizard.txt Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.txt How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.txt Overview of the JPEG library's internal structure.
coderrules.txt Coding style rules --- please read if you contribute code.

Please read at least usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

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This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and grayscale images. JPEG's strong suit is compressing photographic images or other types of images that have smooth color and brightness transitions between neighboring pixels. Images with sharp lines or other abrupt features may not compress well with JPEG, and a higher JPEG quality may have to be used to avoid visible compression artifacts with such images.

JPEG is lossy, meaning that the output pixels are not necessarily identical to the input pixels. However, on photographic content and other "smooth" images, very good compression ratios can be obtained with no visible compression artifacts, and extremely high compression ratios are possible if you are willing to sacrifice image quality (by reducing the "quality" setting in the compressor.)

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG

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decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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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.

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, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent (now expired), 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

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REFERENCES

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We recommend reading one or more of these references before trying to

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understand the innards of the JPEG software.


The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44.

(Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PDF file containing a revised version of Wallace's article is available at <http://www.ijg.org/files/Wallace.JPEG.pdf>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2).

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is

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titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from <http://www.ecma-international.org/publications/techreports/E-TR-098.htm>. A PostScript version of the JFIF document is available at <http://www.ijg.org/files/jfif.ps.gz>. There is also a plain text version at <http://www.ijg.org/files/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <http://www.ijg.org/files/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS

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The "official" archive site for this software is www.ijg.org.

The most recent released version can always be found there in directory "files".

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG.

It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/).

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FILE FORMAT WARS

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The ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which are incompatible with original DCT-based JPEG. IJG therefore does not support these formats (see REFERENCES). Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files.

Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

TO DO

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Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

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