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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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Version 2, June 1991

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

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

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


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

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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

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

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

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

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

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

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.


The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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

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


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

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

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

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

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

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

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

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

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

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

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

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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


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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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| 55. | yajl | 2.1.0-3co1+apertispro0bv2021.0b1 | ISC | |

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| HarfBuzz | 1.7.4 | MIT License | http://harfbuzz.org/ | Copyright © 2004,2007,2008,2009,2010 Red Hat, Inc., Copyright © 2011 Codethink Limited, Copyright © 2010,2011,2012 Google, Inc |
| libunibreak | 2.1 | zlib License | http://vimgadgets.sourceforge.net/libunibreak/ | Copyright (c) 2008-2011 Wu Yongwei Copyright (c) 2012 Tom Hacoheh |
| lua | 5.3.4 | Lua 5.0 License | http://www.lua.org/ | Copyright (C) 1994-2017 Lua.org, PUC-Rio |
| Mediancut | Unspecified | Creative Commons CC0 1.0 Universal | http://en.literateprograms.org/Median_cut_algorithm_(C_Plus_Plus)?oldid=19175 | Copyright (C) Socionext Embedded Software Austria GmbH (SESA) |

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| RBTree.cpp | Unspecified | Public Domain | https://github.com/anandarao/Red-Black-Tree/blob/master/RBTree.cpp | Copyright (C) Candra GmbH |
| BidiReferencecpp | 26 | Unicode Terms of Use (Unicode -TOU) | http://www.unicode.org/Public/PROGRAMS/BidiReferenceC pp/ | Copyright © 1991-2010 Unicode |
| ZLIB | 1.2.8 | zlib License | http://tracker.debian.org/pkg/zlib | 1995-2013 Jean-loup Gailly and Mark Adler |
| litehtml | Unspecified | | | |

3.3. Supplier : Escript

| Supplier : Escript | | | | |
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| The ASN.1 Compiler | 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 |
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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) 2012 The Android Open Source Project |
| vb_pga | Android4.4 | Apache-2.0 | http://developer.android.com/index.html | Copyright (C) 2012 The Android Open Source Project |
| volte (VideoCall) | Android4.4 | Apache-2.0 AND MIT | http://developer.android.com/index.html | Copyright (C) 2010 The Android Open Source Project Copyright 2004-2006 Aaron Voisine <aaron@voisine.org> |
| watchdogd | Android4.4 | Apache-2.0 | http://developer.android.com/index.html | Copyright (C) 2012 The Android Open Source Project |

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| 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 |

3.5.Supplier : Neusoft

| Supplier:Neusoft | | | | |
|------------------|-------------|---|---|-----------|
| Component | Version | License | Home Page | Copyright |
| Attr | 2.4.47 | GNU Lesser 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 | |

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| barebox | 2016.05.0 | GNU General Public License v2.0 or later | http://github.com/RobertCNelson/barebox/ | |
| Berkeley | Unspecified | BSD 3-clause "New" or "Revised" License | http://www.berkeley.edu/ | |
| Berkeley_test | Unspecified | BSD 3-clause "New" or "Revised" License | http://www.berkeley.edu/ | |
| bison | 3.0.2, 2.5 | GNU General Public License v3.0 or later with Bison exception 2.2 | http://savannah.gnu.org/projects/bison/ | |
| Bob Jenkins - Hashing | Unspecified | Public Domain | http://www.burtleburtle.net/bob/index.html | |
| Boost C++ Libraries - boost | 1.59.0 | Boost Software License 1.0 | http://boost.org/ | |
| BusyBox | 1.24.1, 1.23.2 | GNU General Public License v2.0 or later | http://www.busybox.net | |

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| Bzip2 | 1.0.6 | Bzip2 License | http://www.bzip.org/ | |
| CANUTIL | 4.0.6 | GNU General Public License v2.0 or later | http://www.pengutronix.de/software/socket-can/download/canutils/v4.0/ | |
| ConvertUTF.h | Unspecified | License for Unicode | http://unicode.org/ | |
| crda | 3.18 | ISC License | http://github.com/idor/crda/ | |
| Das U-Boot - Universal Bootloader | Unspecified | GNU General Public License v2.0 or later | http://www.denx.de/wiki/U-Boot/WebHome | |
| D-Bus | 1.10.2 | Academic Free License v2.1 | http://www.freedesktop.org/wiki/IntroductionToDBus | |
| dbus-glib | 0.104 | Academic Free License v2.1 | http://www.freedesktop.org/wiki/Software/dbus | |
| dotzlib | Unspecified | Boost Software License 1.0 | https://github.com/madler/zlib/tree/master/contrib/dotzlib | |
| dt-utils | dt-utils_test | GNU General Public License v2.0 or later | http://www.pengutronix.de/ | |
| eCryptfs - ecryptfs-userspace | 108 | GNU General Public License v2.0 or later | http://sourceforge.net/projects/ecryptfs/ | |

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| eudev | Unspecified | GNU General Public License v2.0 or later | http://github.com/gentoo/eudev/ | |
| Expat XML Parser - libexpat | Unspecified | MIT License | http://www.libexpat.org/ | |
| Filesystem in Userspace | 2.9.4 | GNU General Public License v2.0 or later | http://sourceforge.net/projects/fuse/ | |
| genshellopt | Unspecified | GNU Library General Public License v2 or later | https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts | |
| gkernel - rng-tools | 5 | GNU General Public License v2.0 or later | http://sourceforge.net/projects/gkernel/ | |
| Glib | 2.46.0 | GNU Library General Public License v2 or later | https://developer.gnome.org/glib/ | |
| GMP - GNU Multiple Precision Arithmetic Library | 6.0.0a | GNU General Public License v2.0 or later | http://gmplib.org/ | |
| GNOME Network Manager | 1.0.10 | GNU General Public License | http://www.gnome.org/projects/NetworkManager/ | |

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| | | v2.0 or later | | |
| GNU C Library - glibc | Unspecified | GNU Lesser General Public License v2.1 or later | http://www.gnu.org/software/libc/libc.html | |
| GNU Get Text | 0.15 | GNU General Public License v2.0 or later | http://www.gnu.org/software/gettext/ | |
| GNU gettext | 0.18.2 | GNU Library General Public License v2 or later | http://savannah.gnu.org/projects/gettext/ | |
| GnuTLS | 3.3.13 | GNU Lesser General Public License v2.1 or later | http://savannah.gnu.org/projects/gnutls/ | |
| Gnutls_Affero | Unspecified | GNU Affero General Public License v3.0 | https://github.com/ShiftMediaProject/gnutls/tree/master/tests | |
| googlemock | 1.7.0 | BSD 3-clause "New" or "Revised" License | http://code.google.com/p/googlemock/ | |
| Gstreamer | 0.10.36 | GNU Library | http://gstreamer.freedesktop.org/modules/ | |

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

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

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| | | Propriet ary | | |
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| libffi | 3.2.1 | Libffi License | http://sourceware.org/libffi/ | |
| libgcrypt | Unspecifi ed | GNU Lesser General Public License v2.1 or later | http://www.gnupg.org | |
| libgcrypt_GPL | 1.7.6 | GNU General Public License v2.0 or later | https://github.com/ShiftMediaProject/libgcrypt/tree/libgcrypt-1.7.6 | |
| Libpgp-error Lib | 1.20 | GNU Lesser General Public License v2.1 or later | http://www.gnupg.org/ | |
| libgudev | 230 | GNU Library General Public License v2 or later | https://wiki.gnome.org/Projects/libgudev | |
| libmnl | Unspecifi ed | GNU Lesser General Public License v2.1 or later | http://www.netfilter.org/projects/libmnl/ | |
| libmount | Unspecifi ed | GNU Lesser General Public License | https://github.com/karelzak/util-linux/tree/master/libmount | |

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| | | v2.1 or later | | |
| libndp | libndp_test1 | GNU Lesser General Public License v2.1 or later | http://libndp.org/ | |
| libnftnl | Unspecified | GNU General Public License v2.0 or later | http://www.netfilter.org/projects/libnftnl/ | |
| libnl - Netlink Library | 3.2.25 | GNU Lesser General Public License v2.1 or later | http://www.infradead.org/~tgr/libnl/ | |
| libnl - Netlink Library | 1.1 | GNU Lesser General Public License v2.1 or later | http://www.infradead.org/~tgr/libnl/ | |
| liboil | 0.3.16 | BSD 2-clause "Simplified" License | http://liboil.freedesktop.org/wiki/ | |
| libsmartcols | Unspecified | GNU Lesser General Public License v2.1 or later | https://github.com/karelzak/util-linux/tree/master/libsmartcols | |
| libsocketcan | 0.0.10 | GNU Lesser General | http://www.pengutronix.de/software/libsocketcan/download/ | |

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| | | Public License v2.1 or later | | |
| Libtasn1 | 3.2 | GNU Lesser General Public License v2.1 or later | http://www.gnu.org/software/libtasn1/ | |
| libtopas_test | Unspecified | Robert Bosch Proprietary | | |
| libtopasapidtsi | Unspecified | Robert Bosch Proprietary | | |
| libusb | 1.0.18 | GNU Lesser General Public License v2.1 or later | http://sourceforge.net/projects/libusb/ | |
| libuuid | Unspecified | BSD 3-clause "New" or "Revised" License | https://github.com/karelzak/util-linux/tree/master/libuuid | |
| libvehiclenetwork | Unspecified | Robert Bosch Proprietary | | |
| libxml2 | 2.9.4 | MIT License | http://xmlsoft.org/ | |
| libzip | 1.0.1 | BSD 3-clause "New" or "Revised" License | http://www.nih.at/libzip/ | |

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| | | d" License | | |
|---------------------------|-------------|--|---|--|
| Logging Framework for C++ | 1.1.2 | Apache License 2.0 | http://sourceforge.net/projects/log4cplus/ | |
| Logging Framework for C++ | 1.1.2 | Apache License 2.0 | http://sourceforge.net/projects/log4cplus/ | |
| Logrotate Utility | 3.9.1 | GNU General Public License v2.0 or later | https://fedorahosted.org/logrotate/ | |
| lrzsz | 0.12.20 | GNU General Public License v2.0 or later | http://www.ohse.de/uwe/software/lrzsz.html | |
| lrmmain.sh | Unspecified | GNU General Public License v2.0 or later | http://www.gnu.org | |
| luafilesystem | v_1_6_3 | MIT License | http://github.com/keplerproject/luafilesystem/ | |
| Minicom | 2.6.2 | GNU General Public License v2.0 or later | http://alioth.debian.org/projects/minicom/ | |
| mtd-utils | 1.5.2 | GNU General Public License v2.0 or later | http://git.infradead.org/mtd-utils.git | |
| ncurses | 5.9 | X11 License | https://www.gnu.org/software/ncurses/ncurses.html | |
| Nettle | 2.7.1 | GNU Lesser | http://www.lysator.liu.se/~nisse/nettle/ | |

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| | | General Public License v2.1 or later | | |
| NYS_Library | Unspecified | GNU Library General Public License v2 or 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 | OpenSSL Combined License | http://www.openssl.org/ | |
| opkg | 0.3.0 | GNU General Public License v2.0 or later | https://git.yoctoproject.org/cgit/cgit.cgi/opkg/ | |
| PCRE | 8.32 | PCRE 5 License | http://sourceforge.net/projects/pcre/ | |
| PCSC Lite | Unspecified | BSD 3-clause "New" or "Revised" License | http://pcsc-lite.alioth.debian.org/ | |
| Popt | 1.15 | X11 License | http://freshmeat.net/projects/popt/ | |
| ppp - Pauls PPP Package | Unspecified | GNU General Public License | http://ppp.samba.org/ppp/index.html | |

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| | | v2.0 or later | | |
| ppp - Pauls PPP Package | 2.4.7 | GNU General Public License v2.0 or later | https://ppp.samba.org/index.html | |
| protobuf | 2.5.0 | BSD 3-clause "New" or "Revised" License | http://code.google.com/p/protobuf/ | |
| ReadLine Front-End | Unspecified | GNU General Public License v2.0 or later | https://github.com/issuu/readline/tree/master/examples/rife | |
| rsync | 2.6.9 | GNU General Public License v2.0 or later | http://samba.anu.edu.au/rsync/ | |
| S Trace | 4.10 | BSD 3-clause "New" or "Revised" License | http://sourceforge.net/projects/strace/ | |
| siphash | Unspecified | Public Domain | http://github.com/dchest/siphash/ | |
| smhasher | 3090200 | Public Domain | http://code.google.com/p/smhasher/ | |
| SQLite | 3090200 | Public Domain | http://www.hwaci.com/sw/sqlite/index.html | |
| squashfs-tools | 4.3 | GNU General Public License | http://github.com/plougher/squashfs-tools/ | |

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| | | v2.0 or later | | |
| systemd | 228 | GNU Lesser General Public License v2.1 or later | http://freedesktop.org/wiki/Software/systemd/ | |
| Tiny Asynchronous DNS lookup library | Unspecified | Beerware License | http://sourceforge.net/projects/adns/ | |
| TLSF | 1.9 | Public Domain | http://tlsf.baisoku.org | |
| UBIFS | Unspecified | GNU General Public License v2.0 or later | http://www.linux-mtd.infradead.org/doc/ubifs.html | |
| uClibc - A C Library for Embedded Linux | 0.9.30.3 | GNU Lesser General Public License v2.1 or later | http://www.uclibc.org/ | |
| USB Utils | 007 | GNU General Public License v2.0 or later | https://www.kernel.org/pub/linux/utils/usb/usbutils/ | |
| USB-DFU | 1.0 | GNU General Public License v2.0 or later | http://www.usb.org/home | |
| usbnet | Unspecified | GNU Lesser General Public License | http://www.linux-usb.org/usbnet/ | |

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| | | v2.1 or later | | |
| Util-Linux | 2.27.1 | GNU General Public License v2.0 or later | http://freshmeat.net/projects/util-linux/ | |
| util-unix-ng | Unspecified | GNU General Public License v2.0 or later | http://userweb.kernel.org/~kzak/util-linux-ng/ | |
| Wide_Project | Unspecified | BSD 3-clause "New" or "Revised" License | http://www.wide.ad.jp/index.html | |
| wireless-tools | 30 | GNU General Public License v2.0 or later | http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html | |
| wpa_supplicant - IEEE 802.1X, WPA, WPA2, RSN, IEEE 802.11i | 2.5 | BSD 3-clause "New" or "Revised" License | http://hostap.epitest.fi/wpa_supplicant/ | |
| XZ Utils | 5.0.4 | Public Domain | http://tukaani.org/xz/ | |
| yajl | Unspecified | ISC License | http://github.com/lloyd/yajl/ | |
| yajl | 2.1.0 | ISC License | http://github.com/lloyd/yajl/ | |
| zlib | 1.2.8,1.1.3 | zlib License | http://www.zlib.net | |

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3.6.Supplier: Nuance

| Supplier: Nuance | | | | |
|------------------|---------|---|---|-----------|
| Component | Version | License | Home Page | Copyright |
| PCRE | 8.44 | BSD 3-Clause "New" or "Revised" License | http://www.pcre.org | |

3.7.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. |

3.8.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 |

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| ath9k_faf1dc64_backport.patch | | GNU General Public License v2.0 or later | | Copyright © 2014 Rajkumar Manoharan. |
| axTLS (SHA1 only) | 1.1.8 | BSD 3-Clause "New" or "Revised" License | | Copyright © 2007 Cameron Rich. See section 7.7.1 |
| Base64.java | 2.3.7 | Public domain | http://iharder.sourceforge.net/current/java/base64 | |
| compat-wireless | 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. |
| ExtractMpegFramesTest.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. |

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| Internal Android OS APIs | android2.3.3_r1 android4.0.1_r1 android4.1.1_r1 android4.2.1_r1 android4.3_r1 android4.4_r1 | Apache License 2.0 | | Copyright 2005-2013, The Android Open Source Project |
| JRTPLIB | 3.9.1 | MIT License | http://research.edm.uhasselt.be/~jori/ | |
| JThread | 1.3.1 | MIT License | http://research.edm.uhasselt.be/~jori/ | Copyright © 1999-2011 Ross Bencina and Phil Burk |
| keysymdef | | MIT open group variant license Digital equipment license | /main/28 | Copyright © 1987, 1994, 1998 The Open Group. Copyright © 1987 by Digital Equipment Corporation, Maynard, Massachusetts. |
| libjpegturbo | 1.2.1 | libjpeg license | http://sourceforge.net/projects/libjpegturbo/ | Copyright © 1991-2011 Thomas G. Lane, Guido Vollbeding, Pierre Ossman for Cendio AB, and D. R. Commander |
| libpng | 1.2.52 | libpng license | | Copyright © 2004 and 2006-2014 Glenn Randers-Pehrson |
| LibTomCrypt | 1.16 | Public domain | http://libtom.org | |
| LibTomMath | 0.39 | Public domain | http://libtom.org | |
| libudev | 142 and 150 | GNU Lesser General Public License v2.1 or later | http://www.kernel.org/pub/linux/utils/kernel/hotplug | Copyright © 2008-2010 Key Sievers <key.sievers@vrfy.org> Copyright © 2009 Alan Jenkins <alanjenkins@tuffmail.co.uk> |
| libupnp (pupnp) | 1.6.19 | BSD 3-Clause "New" or | | Copyright (c) 2000-2003 Intel Corporation. Copyright (c) 2005-2006 Rémi Turbault |

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| | | "Revised" License | | <r3mi@users.sourceforge.net> Copyright (c) 2006 Michel Pfeiffer and others <virtual_worlds@gmx.de>. Copyright (c) 2011-2012 France Telecom. |
| libusb | 1 | GNU Lesser General Public License v2.1 or later | | |
| libusbx | 1.0.12 | GNU Lesser General Public License v2.1 or later | | Copyright © 2001 Johannes Erdfelt <johannes@erdfelt.com> Copyright © 2007-2009 Daniel Drake <dsd@gentoo.org> Copyright © 2008-2011 Nathan Hjelm <hjelmn@users.sourceforge.net> Copyright © 2009-2012 Pete Batard <pete@akeo.ie> Copyright © 2010-2012 Michael Plante <michael.plante@gmail.com> Copyright © 2011-2012 Hans de Goede <hdegoede@redhat.com> Copyright © 2012 Martin Pieuchot <mpi@openbsd.org> Copyright (C) 1994, 1995, 1996, 1999, 2000, 2001, 2002, 2004, 2005, 2006 Free Software Foundation, Inc. |
| libxml2 | 2.9.1 | MIT License | | Copyright © 1998-2012 Daniel Veillard |
| libzip | 0.9 | Free Software | | Copyright © 1999-2008 Dieter Baron and Thomas |

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| | | Foundatio n | | Klausner Copyright © 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc Copyright © 1987, 1993 The Regents of the University of California |
| LodePNG | 20141130 | Zlib license | | Copyright © 2005-2014 Lode Vandevenne. |
| miniupnpc | 1.5 | Zlib license | | Copyright © 2005-2009 and 2005-2011 Thomas Bernard |
| miniupnpc | 1.5 | BSD 3- Clause "New" or "Revised" License | | Copyright © 2005-2009 and 2005-2011 Thomas Bernard. See section 7.1.20 |
| mxcfb.h | | GNU Lesser General Public License v2.1 or later | | Copyright 2004-2010 Freescale Semiconductor Inc. All rights reserved. |
| OpenSSL | 0.9.8zf | The OpenSSL Project license | | Copyright © 1998-2011 The OpenSSL Project. See section 7.1.3.1. Copyright © 1995-1998 Eric Young. See section 7.1.3.2. |
| portaudio | 19 | MIT | http://www.portaudio.com/ . | Copyright © 1999-2011 Ross Bencina and Phil Burk. |
| portaudio | 19 | MIT License | http://www.portaudio.com/ . | Copyright © 1999-2011 Ross Bencina and Phil Burk. |
| pythonpsutil_2.1.3. bb | FSL Community 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 | | Copyright © 2009-2011 Nokia Corporation and/or its subsidiary(-ies). Nokia, Qt and their respective logos are trademarks of Nokia |

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| | | v2.1 or later | | Corporation in Finland and/or other countries worldwide. |
| SHA | 38969 | Dr Brian Gladman license Cameron Rich license | | Copyright © 2002 Dr Brian Gladman, Worcester, UK |
| wpa_supplicant | 2.3 | BSD 3-Clause "New" or "Revised" License | | Copyright © 2002-2014 Jouni Malinen and contributors. |
| X Windows | XFree86 1.9 | The Open group license Digital Equipment cooperation license Digital Equipment Corporation - Panoramix components | | Copyright © 1987, 1988, 1989, 1998 The Open Group. See section 7.1.1.1. Copyright © 1987, 1988, 1989 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.2. Copyright © 1991, 1997 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.3 |
| Zlib | 1.1.4 | Zlib license | | Copyright © 1995-2002 Jean-loup Gailly and Mark Adler. See section 7.1.2. |
| Zlib | 1.2.3 | Zlib license | | Copyright © 1995-2005 Jean-Loup Gailly and Mark Adler. |

3.9.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/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 | |

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|--------------------------------------|-----------------|--------------------------|---|--|
| 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/ | |
| mongolddu | master-20121109 | Apache License 2.0 | http://github.com/tugstugi/mongolddu/ | |
| Stan-for-Android | 0.1.0 | Apache License 2.0 | http://github.com/Label305/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-Android | 1.8.3-messenger | MIT License | http://github.com/SafeSlingerProject/SafeSlinger-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/ | |

3.10.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/sevenzzip/ | |
| 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 | http://www.firstobject.com/dn_markup.htm | |

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| | | Developer License | | |
|--|-----------------------|---|---|--|
| CRC table (Autogen) | Has no version number | Public Domain | http://en.wikipedia.org/wiki/Cyclic_redundancy_check | |
| Filesystem in Userspace | 2.8.5 | BSD 2-clause "Simplified" License | http://sourceforge.net/projects/fuse/ | |
| Filesystem in Userspace | 2.9.3 | GNU Lesser General Public License v2.1 or later | http://sourceforge.net/projects/fuse/ | |
| FreeBSD | 2.2.2 | BSD 4-clause "Original" or "Old" License | http://www.freebsd.org | |
| Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56xx | 2.10 special edition | Commercial license | | |
| GNU C Library - glibc | 2.2.4 | GNU Lesser General Public License v2.1 or later | http://www.gnu.org/software/libc/libc.html | |
| Lawicel CAN USB sample code | 0.1.8 | Lawicel CAN USB sample code license | http://www.can232.com/?page_id=75 | |
| libdivsufsort | 2.0.0 | MIT License | http://code.google.com/p/libdivsufsort/ | |
| lz4 | 94 | BSD 2-clause "Simplified" License | http://code.google.com/p/lz4/ | |
| LZO real-time data compression library | 2.04 | Acquired commercial license | http://www.oberhumer.com/opensource/lzo/ | |
| MSDN Sample Code | vs.85 | Microsoft Limited Public License (Ms-LPL) | http://msdn.microsoft.com/en-US/windows/ | |
| NetBSD | 6 | BSD 3-clause "New" or "Revised" License | http://www.netbsd.org/ | |

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|------------------------------|--------|-----------------------------|---|--|
| 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 | |

3.11.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 |

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|------------------------------------|-------------------|--|---|--|
| gpclib | Unspecified | Commercial License | http://github.com/rdpeng/gpclib/ | Copyright: (C) 1997-2004, Advanced Interfaces Group, University of Manchester. |
| GSM 06.10 Lossy Speech Compression | Unspecified | GSM License | http://kbs.cs.tu-berlin.de/~jutta/toast.html | Copyright 1992, 1993, 1994 by Jutta Degener and Carsten Bormann |
| GStreamer | Unspecified | GNU Library General Public License v2 or later | http://gstreamer.freedesktop.org/modules/ | |
| jsoncpp | Unspecified | Public Domain or MIT | http://sourceforge.net/projects/jsoncpp/ | Copyright (c) 2007-2010 by Baptiste Lepilleur and The JsonCpp Authors, |
| libogg | Unspecified | BSD 3-clause "New" or "Revised" License | http://xiph.org/ogg/ | Copyright (c) 2002, Xiph.org Foundation |
| libxml2 | Unspecified | MIT license | http://xmlsoft.org/ | |
| OpenGL-Examples | master - 20141123 | zlib License | http://github.com/progschj/OpenGL-Examples/ | Copyright (c) 2012 Jakob Progsch |
| OpenSSL | 1.0.2 | OpenSSL Combined License | http://www.openssl.org | |
| Opus | Unspecified | BSD 3-clause "New" or "Revised" License | http://opus-codec.org | Copyright (c) 2007-2008 CSIRO Copyright (c) 2007-2010 Xiph.Org Foundation Copyright (c) 2008 Gregory Maxwell |
| pkgconf | Unspecified | ISC License | http://github.com/pkgconf/pkgconf/ | Copyright (c) 1998 Todd C. Miller |
| pugixml | Unspecified | MIT license | http://pugixml.org/ | Copyright (c) 2006-2018 Arseny Kapoulkine |
| PVRTC Library | Unspecified | Unspecified | https://www.imgtec.com/developers/powervr-sdk-tools/installers/ | |
| SDL | 2 | zlib License | http://www.libsdl.org/index.php | Copyright (C) 1997-2016 Sam Lantinga |
| SDL_gfx | Unspecified | zlib License | http://sourceforge.net/projects/sdlgfx/ | |
| Speex | 1.2beta2 dev | BSD 3-clause "New" or "Revised" License | http://www.speex.org/ | |
| SQLite | Unspecified | Public domain | http://www.sqlite.org/ | |

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|------------------------|-------------|---|---|--|
| Sunrise/set calculator | Unspecified | Public domain | https://stjarnhimlen.se/comp/sunriset.c | |
| tiny-AES128-C | 20141218 | Public domain | http://github.com/kokke/tiny-AES128-C/ | |
| wosh | Unspecified | BSD 3-clause "New" or "Revised" License | http://code.google.com/p/wosh/ | Copyright (C) 2002 Michael Ringgaard. All rights reserved. |
| zlib | 1.2.11 | zlib License | http://www.zlib.net/ | |

3.12. Node Modules Components

| Name of OSS Component | Version of OSS Component | Name and Version of License | Home page |
|-----------------------|--------------------------|-----------------------------|---|
| buffer-crc32 | 0.2.5 | MIT | https://github.com/brianloveswords/buffer-crc32 |
| dbus-native | 0.2.0 | MIT | https://github.com/sidorares/node-dbus |
| dbus-proxy | 0.0.0-unreleasable | NA | NA |
| abstract-socket | 1.0 | MIT | https://github.com/saghul/node-abstractsocket |
| bindings | 1.2.1 | MIT | https://github.com/TooTallNate/node-bindings |
| nan | 2.4.0 | MIT | https://github.com/nodejs/nan#readme |
| 1to2 | 1.0.0 | MIT | NA |
| event-stream | 3.3.4 | MIT | http://github.com/dominictarr/event-stream |
| duplexer | 0.1 | MIT | https://github.com/Raynos/duplexer |
| from | 0.3 | MIT | https://github.com/dominictarr/from |
| map-stream | 0.0 | NA | http://github.com/dominictarr/map-stream |
| pause-stream | 0.0.11 | MIT, Apache2 | https://github.com/dominictarr/pause-stream |
| split | 0.3.3 | MIT | http://github.com/dominictarr/split |
| stream-combiner | 0.0.4 | MIT | https://github.com/dominictarr/stream-combiner |
| through | 2.3.8 | MIT | https://github.com/dominictarr/through |
| put | 0.0.6 | MIT/X11 | https://github.com/substack/node-put |
| xml2js | 0.14 | NA | https://github.com/Leonidas-from-XIV/node-xml2js |

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|-----------------|---------|------------|---|
| sax | 1.2.1 | ISC | https://github.com/isaacs/sax-js#readme |
| iconv-lite | 0.4.15 | MIT | https://github.com/ashtuchkin/iconv-lite |
| jbinary | 2.2 | MIT | https://github.com/jDataView/jBinary |
| es6-promise | 2.0.1 | MIT | NA |
| es6-promise | 2.0.1 | MIT | https://github.com/jakearchibald/ES6-Promises |
| jdataview | 2.5.0 | WTFPL | http://jDataView.github.io/ |
| request | 2.53.0 | Apache-2.0 | https://github.com/request/request |
| aws-sign2 | 0.5.0 | NA | https://github.com/mikeal/aws-sign |
| bl | 0.9.4 | MIT | https://github.com/rvagg/bl |
| readable-stream | 1.0.33 | MIT | https://github.com/isaacs/readable-stream |
| core-util-is | 1.0.1 | MIT | https://github.com/isaacs/core-util-is |
| inherits | 2.0.1 | ISC | https://github.com/isaacs/inherits |
| isarray | 0.0.1 | MIT | https://github.com/juliangruber/isarray |
| string_decoder | 0.10.31 | MIT | https://github.com/rvagg/string_decoder |
| caseless | 0.9.0 | BSD | https://github.com/mikeal/caseless |
| combined-stream | 0.0.7 | NA | https://github.com/felixge/node-combined-stream |
| delayed-stream | 0.0.5 | NA | https://github.com/felixge/node-delayed-stream |
| forever-agent | 0.5.2 | NA | https://github.com/mikeal/forever-agent |
| form-data | 0.2.0 | MIT | https://github.com/felixge/node-form-data |
| async | 0.9.0 | MIT | https://github.com/caolan/async |
| hawk | NA | ./LICENSE | NA |
| hawk | 2.3.1 | BSD | https://github.com/hueniverse/hawk |
| boom | 2.6.1 | BSD | https://github.com/hapijs/boom |
| cryptiles | 2.0.4 | BSD | https://github.com/hapijs/cryptiles |
| hoek | 2.11.0 | BSD | https://github.com/hapijs/hoek |
| sntp | 1.0.9 | BSD | https://github.com/hueniverse/sntp |
| http-signature | 0.10.1 | MIT | https://github.com/joyent/node-http-signature/ |
| asn1 | 0.11 | NA | NA |
| assert-plus | 0.5 | NA | https://github.com/mcavage/node-assert-plus |
| ctype | 0.5.3 | NA | https://github.com/rmustacc/node-ctype |
| isstream | 0.1 | MIT | https://github.com/rvagg/isstream |

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|---------------------|--------|-----|---|
| json-stringify-safe | 5.0.0 | BSD | https://github.com/isaacs/json-stringify-safe |
| mime-types | 2.0.9 | MIT | https://github.com/jshttp/mime-types |
| mime-db | 1.7.0 | MIT | https://github.com/jshttp/mime-db |
| node-uuid | 1.4.2 | MIT | https://github.com/broofa/node-uuid |
| oauth-sign | 0.6.0 | NA | https://github.com/mikeal/oauth-sign |
| qs | 2.3.3 | BSD | https://github.com/hapijs/qs |
| stringstream | 0.0.4 | MIT | https://github.com/mhart/StringStream |
| tough-cookie | 0.12.1 | MIT | https://github.com/goinstant/tough-cookie |
| punycode | 1.3.2 | MIT | https://mths.be/punycode |
| tunnel-agent | 0.4.0 | NA | https://github.com/mikeal/tunnel-agent |
| mkdirp | 0.5.0 | MIT | https://github.com/substack/node-mkdirp |
| minimist | 0.0.8 | MIT | https://github.com/substack/minimist |
| xml2js | 0.4.5 | MIT | https://github.com/Leonidas-from-XIV/node-xml2js |
| sax | 0.6.1 | BSD | https://github.com/isaacs/sax-js |
| xmlbuilder | 2.5.1 | MIT | http://github.com/oozcitak/xmlbuilder-js |
| lodash | 3.0 | MIT | https://lodash.com/ |

3.13. Miscellaneous components:

| Sl. No | Component | Version | Home Page | License |
|--------|--|----------|---|-----------------------------------|
| 1 | Android SDK Support Libraries – 19 | 23.1.1 | https://developer.android.com/tools/support-library/index.html | Apache License 2.0 |
| 2 | OpenSSL | | http://www.openssl.org/ | OpenSSL Combined License |
| 3 | CRC32 | | http://web.mit.edu/ | Public Domain |
| 4 | SHA-1 in C | | http://www.mirrors.wiretapped.net/security/cryptography/ hashes/sha1 | Public Domain |
| 5 | Android - platform - bootable – recovery | 4.0.1_r1 | http://developer.android.com/index.html | Apache License 2.0 |
| 6 | Android - platform - bootable – recovery | 5.0.0_r1 | http://developer.android.com/index.html | Apache License 2.0 |
| 7 | Android - platform - bootable – recovery | 2.3_r1 | http://developer.android.com/index.html | Apache License 2.0 |
| 8 | File system in Userspace | 2.8.7 | http://sourceforge.net/projects/fuse/ | BSD 2-clause "Simplified" License |
| 9 | lz4 Compression algorithm | r111 | http://code.google.com/p/lz4/ | BSD 2-clause "Simplified" License |

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|----|---|--------------------|---|---|
| 10 | Android -platform - system - core/libmincrypt | | https://android.googlesource.com/platform/system/core/+master/libmincrypt | BSD 3-clause "New" or "Revised" License |
| 11 | lucy search engine – lucy | 0.6.0 | http://sourceforge.net/projects/lucy-search/ | BSD 3-clause "New" or "Revised" License |
| 12 | NetBSD | 1.4 | http://www.netbsd.org/ | BSD 3-clause "New" or "Revised" License |
| 13 | Open BSD | 4.5 | http://www.openbsd.org | BSD 3-clause "New" or "Revised" License |
| 15 | Test-SQLite-blob | trunk-20120916-svn | http://code.google.com/p/test-sqlite-blob/ | MIT License |
| 16 | 7-Zip | 3.11 | http://sourceforge.net/projects/sevenzips/ | Public Domain |
| 17 | XZ Utils | 5.0.7 | http://tukaani.org/xz/ | Public Domain |
| 18 | PCRE | 5.0 | | Public Domain |
| 19 | RSA MD5 | | http://userpages.umbc.edu/~mabzug1/cs/md5/md5.html | Public Domain |
| 20 | Kazlib | | http://savannah.nongnu.org/projects/kazlib | Public Domain |
| 21 | Doug Lea heap | 2.8.3 | | Public Domain |
| 22 | zlib | 1.2.6 | | Public Domain |
| 23 | CURL | 7.16.0 | http://curl.haxx.se/libcurl | Public Domain |
| 24 | EXPAT | 1.95.8 | | Public Domain |

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4.1.GPL V3 or later with autoconf exception

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Copyright FAQ

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3. Are derivative works allowed?

Yes!

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

Yes, but you must change the name(s) of the font(s).

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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Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

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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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python

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releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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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.

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- 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

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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

Terms and Conditions: Refer Section 2.3

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

Terms and Conditions: Refer Section 2.3

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

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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

5.7 array-filter -1.0.0

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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>

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5.14 photoswipe-4.1

Description: JavaScript image gallery for mobile and desktop

Available under the license: MIT License

Copyright (c): Dmitry Semenov

Terms and Conditions: Refer Section 2.3

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

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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

5.19 archiver – 2.1.0

Description: a streaming interface for archive generation

Available under the license: MIT License

Copyright (c): 2012-2014 Chris Talkington

Terms and Conditions: Refer Section 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

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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

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

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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>

Terms and Conditions: Refer Section 2.3

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

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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

5.31 ssh2 – 0.5.5

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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 keys

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

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5.38 SlowAES – 0.1a1

Description: Implementations of AES in pure scripting languages

Available under the license: Apache License

Copyright (c): Josh Davis

Terms and Conditions: Refer Section 2.6

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

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Available under the license: MIT License

Copyright (c): JS Foundation

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5.42 bootstrap – 2.3.1

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

Available under the license: MIT License

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

Copyright (c): 2011-2018 The Bootstrap Authors

Terms and Conditions: Refer Section 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):

Terms and Conditions: Refer Section 2.6

5.44 etch – 1.4.0

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

Available under the license: Apache license, v2

Copyright (C) 2012 BMW Car IT GmbH

Terms and Conditions: Refer Section 2.6

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

Terms and Conditions: Refer Section 2.16

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

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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

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

Terms and Conditions: Refer Section 2.5

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.

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Available under the license: LGPL 2.1

Copyright (c): 2014 The Chromium Authors.

Terms and Conditions: Refer Section - 2.14

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

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.

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

Available under the license: Apache 2.0 License

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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

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code analysis tools and tracing hooks provided in the Python standard library to determine which lines are executable, and which have been executed.

Available under the license: Apache 2.0 License

Copyright (c): 2004-2015 Ned Batchelder.

Terms and Conditions: Refer Section 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

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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

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

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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 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.

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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.

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

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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

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

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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

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.

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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

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| XC-CT | XC_CT_RN_AIVI_Scope 3.x | 24th May 2023 |

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.

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

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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

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

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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,

Jean-Marc Valin, Timothy B. Terriberry,

CSIRO, Gregory Maxwell, Mark Borgerding,

Erik de Castro Lopo

Terms and Conditions: Refer Section 2.5

5.99ots-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

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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.

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 tincms, 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

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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):

Terms and Conditions: Refer Section 2.6

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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>

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Terms and Conditions: Refer Section 2.5

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.

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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

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

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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

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

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5.120 webrtc-builds-9686

Description: WebRTC provides real time voice and video processing functionality to enable the implementation of PeerConnection/MediaStream.
 Available under the license: BSD 3 License
 Copyright (c): 2011, The WebRTC project authors.
 Terms and Conditions: Refer Section 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

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

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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

Copyright (c): 2007, Weijia Song

2007, Sebastian Pipping

Terms and Conditions: Refer Section 2.5

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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,

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

Terms and Conditions: Refer Section 2.19

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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

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Copyright ©: JS Foundation and other contributors

Terms and Conditions: Refer Section 2.3

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

Terms and Conditions: Refer Section 2.3

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

Copyright (c): 2014 Blackmagic Design

Terms and Conditions: Refer Section 2.2

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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Terms and Conditions: Refer Section 2.3

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

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

Terms and Conditions: Refer Section 2.23

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>)

Terms and Conditions: Refer Section 2.3

5.141 vue-i18n

Description: Internationalization plugin for Vue.js

Available under the license: MIT License

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Copyright (c): 2016 kazuya kawaguchi

Terms and Conditions: Refer Section 2.3

5.142 vue-router

Description: The official router for Vue.js

Available under the license: MIT License

Copyright (c): 2013-present Evan You

Terms and Conditions: Refer Section 2.3

5.143 vue-style-loader

Description: A fork based on style-loader

Available under the license: MIT License

Copyright (c): JS Foundation and other contributors

Terms and Conditions: Refer Section 2.3

5.144 webpack

Description: A module bundler

Available under the license: MIT License

Copyright (c): JS Foundation and other contributors

Terms and Conditions: Refer Section 2.3

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

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

Terms and Conditions: Refer Section 2.3

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>

Terms and Conditions: Refer Section 2.3

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

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

Terms and Conditions: Refer Section 2.3

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

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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

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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

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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.

Available under the license: Apache 2.0 License

Copyright (c): 2007-2009 Google Inc.

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5.157 glog-v0.3.4

Description: libsync helper library

Available under the license: BSD 3 License

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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...

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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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5.161 bootstrap-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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5.162 Toastr

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

Available under the license: MIT License

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5.163 sqlite-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
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root function must still compute square roots.)

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V3.0 03/08/2004 -Initial Version for sqlite3

V3.1 16/09/2004 -Implemented getXXXXField using sqlite3 functions

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-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);

CppSQLite3Statement::bind(int nParam, const sqlite_int64 nValue);

CppSQLite3Statement::bind(int nParam, const uint64_t nValue);

CppSQLite3Statement::Step()

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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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#

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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 year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
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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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DOCUMENTATION ROADMAP

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This file contains the following sections:

- OVERVIEW General description of JPEG and the IJG software.
- 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.

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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

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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 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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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable.

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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.

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REFERENCES

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

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(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.

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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

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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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