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XC-CT	XC_CT_RN_AIVI_Scope 3.x	9th NOV 2022

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1 List of used Open-Source Components.

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

S I. N O	Name of OSS Component	Version of OSS Compon ent	Name and Version of License (License text can be found in Appendix below)	Home Page	More Information
1	7-Zip - LZMA SDK	9.20, 2015052 9	Public Domain	http://sourceforge.net/projects/sevenzip/	no copyright is claimed
2	ACL	2.2.52	GNU Lesser General Public License v2.1 or later	https://savannah.nongnu.org/projects/acl	Copyright (C) 1999,2000,2002,2003,2007,20 09,2011 Andreas Gruenbacher<a.gruenbacher &computer.org>, Copyright (C) 2001-2002 Silicon Graphics, Inc. All Rights Reserved. Copyright (c) 2002 Silicon Graphics, Inc. All Rights Reserved. Copyright (C) SuSE Linux AG. Copyright (C) 1999-2002 Andreas Gruenbacher, <a.gruenbacher@bestbits.at> Copyright (C) 1999-2000 Andreas Gruenbacher, <a.gruenbacher@bestbits.at>;
3	AES - Advanced Encryption Standard	1.0	zlib License	http://www.lomont.org/Software/Misc/AES/AES.php	2000-2005 Chris Lomont;

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Version 3.1, 31 March 2009

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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.

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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

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

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

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

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

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

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

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

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

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

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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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.)

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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

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for details.
```

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```
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interest in the program `Gnomovision'
(which makes passes at compilers) written
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```

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Ty Coon, President of Vice

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3 Other Open-Source Dependencies:


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Android - platform - frameworks - base	android-6.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-8.0.0_r2	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-n-iot-preview-4	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - av	android-7.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - external - bluetooth - bluetooth	android-4.2.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - av	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-o-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-7.1.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-2.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-o-preview-2	Apache License 2.0	http://developer.android.com/index.html	
CyanogenMod - android_external_bluetooth_bluetooth	cm-10.2-M1	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-n-mr2-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-5.1.0_r1	Apache License 2.0	http://developer.android.com/index.html	
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Android - platform - frameworks - base	android-3.2.4_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-wear-n-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-8.1.0_r2	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-6.0.1_r30	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.0.3_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.4_r0.7	Apache License 2.0	http://developer.android.com/index.html	
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Android - platform - frameworks - base	android-wear-n-preview-2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-5.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	
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Android - platform - frameworks - base	android-4.4_r0.9	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-o-preview-1	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-5.0.0_r2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - external - bluetooth - blueoid	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-6.0.1_r56	Apache License 2.0	http://developer.android.com/index.html	
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Android - platform - frameworks - base	android-n-preview-4	Apache License 2.0	http://developer.android.com/index.html	
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Android - platform - frameworks - base	android-n-mr2-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-6.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - opt - bluetooth	android-6.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
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Supplier:Android_OMR1				
Name of OSS Component	Version	License	Home Page	Copyrights
ARM trusted firmware BL31		BSD2		
AVB Media Clock Recovery Handler driver		GPL v2/MIT		
AVB Media Streaming Engine driver		GPL v2/MIT		
AVB Streaming driver		GPL v2/MIT		
boot_control		Apache v2		
device.renesas.common		Apache v2		
device.renesas.kingfisher		Apache v2		
device.renesas.salvator		Apache v2		
device.renesas.ulcb		Apache v2		
Dynamic Trusted Application Note		BSD2		
evs		Apache v2		
gatekeeper		Apache v2		
HWComposer		Apache v2		
interfaces.graphics.composer		Apache v2		
IPL		BSD		
Kernel		GPL v2		
keymaster		Apache v2		
LensPicker		Apache v2		
libLLVMIMG.so		University of Illinois/NCSA Open Source License		
libstagefrighthw		Apache v2		
Memory Manager Driver		GPL v2/MIT		
Memory Manager I/F		MIT		
NetworkDisplayDemo		Apache v2		
Oemlock		Apache v2		
OP-TEE (including TEE internal API)		BSD2		
OP-TEE Linux driver		GPL v2/MIT		
Overview		Apache v2		
patch files for i2c-tools		GPL v2		
QoS driver		GPL v2/MIT		
QoS I/F		MIT		
R8A7795 GX6650 Device Driver for Android		GPL v2/MIT		
R8A7796 GX6250 Device Driver for Android		GPL v2/MIT		
Settings file of usb fw		Apache v2		
si-tools		GPL v3		
SPI / HyperFlash driver		BSD2		
SS6.3-Public Driver for Linux		GPL v2/MIT		

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Timer driver		BSD2		
U-Boot		GPL v2		
UVCS Driver for Android		GPL v2/MIT		
VSP Manager		GPL v2/MIT		
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Appa rmor	2.13.2-10co2bv2020preb3	GPL-2.0 Other licenses: LGPL-2.1 Public Domain X11 MIT GPL-2.0+-with- libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause		Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c) 1999, 2000, 2001, 2002, 2003 2004, 2005, 2006, 2007 NOVELL (All rights reserved) Copyright (C) 2013 Kshitij Gupta Copyright (C) 2009 John Dong Copyright (C) 2009 Dulmandakh Sukhbaatar Copyright (C) 2007 Andreas Gruenbacher Copyright (C) 2006 Volker Kuhlmann Copyright (C) 2006 SuSE Linux Products GmbH, Nuernberg Copyright (C) 1994 X Consortium Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
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libc_malloc_debug_leak	Android4.4	BSD-2-Clause	http://developer.android.com/index.html	Copyright (C) 2008,2012 The Android Open Source Project All rights reserved.
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mongolduu	master-20121109	Apache License 2.0	http://github.com/tugstugi/mongolduu/	
Stan-for-Android	0.1.0	Apache License 2.0	http://github.com/Label305/Stan-forAndroid/	
doT	1.0.1	MIT License	http://github.com/olado/doT/	
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bsdiff	4.3	BSDiff license	http://github.com/geraldonetto/bsdiff/	
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Lawicel CAN USB sample code	0.1.8	Lawicel CAN USB sample code license	http://www.can232.com/?page_id=75	
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lz4	94	BSD 2-clause "Simplified" License	http://code.google.com/p/lz4/	
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Drools:: Scorecards - 5.5.0.Final

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

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3.42 jquery_mobile_rails - 1.3.2

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

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3.43 SafeSlinger-Android - 1.8.3-messenger

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

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3.44 OpenSSL

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

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3.45 CRC32

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3.46 SHA-1 in C

Home Page:

<http://www.mirrors.wiretapped.net/security/cryptography/ hashes/sha1>

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3.47 SyncML C Toolkit - 4.0.3

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

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3.48 CMarkup - 11.05

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

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3.50 LZO real-time data compression library - 2.04

Home Page <http://www.oberhumer.com/opensource/lzo/>

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3.51 UCL Data Compression Library - 1.03

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3.52 Android - platform - bootable – recovery - 4.0.1_r1

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3.53 Android - platform - bootable – recovery - 5.0.0_r1

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3.54 Android - platform - bootable – recovery - 2.3_r1

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3.55 Android - platform - system – core - 4.2

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3.56 File system in Userspace - 2.8.7

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3.57 lz4 Compression algorithm - r111

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3.58 Android -platform - system - core/libmincrypt

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<https://android.googlesource.com/platform/system/core/+master/libmincrypt>

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3.59 lucy search engine – lucy - 0.6.0

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3.61 Open BSD - 4.5

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3.62 Bsdiff - 4.3

Home Page: <http://github.com/geraldonetto/bsdiff/>

Home Page: <http://www.daemonology.net/bsdiff/>

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3.63 GNU C Library – glibc - 2.2.4

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3.64 IGEP Linux Kernel - 2.6.28.10-igep0020b-0

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

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3.66 File system in User space - 2.9.3

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3.67 Libdivsufsort - 2.0.0

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

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3.69 Zip - LZMA SDK - 9.2

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3.70 7-Zip - 7-Zip -3.11

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3.72 XZ Utils -5.0.7

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3.74 Android - platform – dalvik - 2.1_r1

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3.75 Gpplib

<http://github.com/rdpeng/gpplib/>

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3.76 Anti-Grain Geometry

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

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3.77 Android - platform - frameworks – base

Version android-7.0.0_r1

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

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3.79 Boost C++ Libraries – boost

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.2beta2 dev

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3.85 Jsoncpp

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3.90 tiny-AES128-C

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

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3.91 PVRTC Library

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

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3.92 GSM 06.10 Lossy Speech Compression

Version Unspecified

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

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3.93 Curl and Libcurl

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3.94 aladdin-md5

Version Unspecified

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

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3.95 OpenGL-Examples

Version master-20141123

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

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3.96 SDL

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3.97 SDL_gfx

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

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3.98 Zlib

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3.99 Pkgconf

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<http://github.com/pkgconf/pkgconf/>

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3.100 Code Project - C++ Memory Pool

Version 1.0

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

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

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- The addition of compile-times to remove dependencies of the C stio library and on Win32 UI.
- The addition of compile-time checks to remove filename strings from release binaries.

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4.10.4 RealVNC modifications to libzip


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

- libzip.vcproj has been added.
- On Windows, in libzip.h and zipint.h, no-op ZIP_EXTERN so that we build for linking statically.
- On Windows, in mkstemp.c, pid_t and S_ISDIR have been defined, and io.h and process.h included.

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4.12 LodePNG

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4.13 GCC libstdc++

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

4.14 Keysymdef

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4.19 libxml2

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4.19.2 hash.c

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4.19.4 trio.c, trio.h

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4.19.5 RealVNC modifications to libxml2

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

4.20 Miniupnpc

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4.20.3 RealVNC modifications

to **miniupnpc** The following

modifications have been made:

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

4.21 LibTomCrypt

LibTomCrypt, modular cryptographic library -- Tom St Denis

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

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

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

4.22 LibTomMath

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

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

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

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

4.23 Base64.java

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@author Robert Harder

@author rob@iharder.net

@version 2.3.5.2.

4.24 Internal Android OS APIs

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4.25 ExtractMpegFramesTest.java

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4.26 libupnp (pupnp)

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4.28.2 ath9k_faf1dc64_backport.patch

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4.28.3 python-psutil_2.1.3.bb

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4.30 VNC Wi-Fi Display i.MX6 sample decoder

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

4.31 mxcfb.h

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4.32 axTLS

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4.33 RealVNC modifications to axTLS

Some unwanted type and function definitions have been removed.

5 Node Modules Components

Name of OSS Component	Version of OSS Component	Name and Version of License	Home page
buffer-crc32	0.2.5	MIT	https://github.com/brianloveswords/buffer-crc32
dbus-native	0.2.0	MIT	https://github.com/sidorares/node-dbus
dbus-proxy	0.0.0-unreleasable	NA	NA
abstract-socket	1.1.0	MIT	https://github.com/saghul/node-abstractsocket
bindings	1.2.1	MIT	https://github.com/TooTallNate/node-bindings
nan	2.4.0	MIT	https://github.com/nodejs/nan#readme
1to2	1.0.0	MIT	NA
event-stream	3.3.4	MIT	http://github.com/dominictarr/event-stream
duplexer	0.1.1	MIT	https://github.com/Raynos/duplexer
from	0.1.3	MIT	https://github.com/dominictarr/from
map-stream	0.1.0	NA	http://github.com/dominictarr/map-stream
pause-stream	0.0.11	MIT, Apache2	https://github.com/dominictarr/pause-stream

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split	0.3.3	MIT	http://github.com/dominictarr/split
stream-combiner	0.0.4	MIT	https://github.com/dominictarr/stream-combiner
through	2.3.8	MIT	https://github.com/dominictarr/through
put	0.0.6	MIT/X11	https://github.com/substack/node-put
xml2js	0.1.14	NA	https://github.com/Leonidas-from-XIV/node-xml2js
sax	1.2.1	ISC	https://github.com/isaacs/sax-js#readme
iconv-lite	0.4.15	MIT	https://github.com/ashtuchkin/iconv-lite
jbinary	2.1.2	MIT	https://github.com/jDataView/jBinary
es6-promise	2.0.1	MIT	NA
es6-promise	2.0.1	MIT	https://github.com/jakearchibald/ES6-Promises
jdataview	2.5.0	WTFPL	http://jDataView.github.io/
request	2.53.0	Apache-2.0	https://github.com/request/request
aws-sign2	0.5.0	NA	https://github.com/mikeal/aws-sign
bl	0.9.4	MIT	https://github.com/rvagg/bl
readable-stream	1.0.33	MIT	https://github.com/isaacs/readable-stream
core-util-is	1.0.1	MIT	https://github.com/isaacs/core-util-is
inherits	2.0.1	ISC	https://github.com/isaacs/inherits
isarray	0.0.1	MIT	https://github.com/juliangruber/isarray
string_decoder	0.10.31	MIT	https://github.com/rvagg/string_decoder
caseless	0.9.0	BSD	https://github.com/mikeal/caseless

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combined-stream	0.0.7	NA	https://github.com/felixge/node-combined-stream
delayed-stream	0.0.5	NA	https://github.com/felixge/node-delayed-stream
forever-agent	0.5.2	NA	https://github.com/mikeal/forever-agent
form-data	0.2.0	MIT	https://github.com/felixge/node-form-data
async	0.9.0	MIT	https://github.com/caolan/async
hawk	NA	./LICENSE	NA
hawk	2.3.1	BSD	https://github.com/hueniverse/hawk
boom	2.6.1	BSD	https://github.com/hapijs/boom
cryptiles	2.0.4	BSD	https://github.com/hapijs/cryptiles
hoek	2.11.0	BSD	https://github.com/hapijs/hoek
sntp	1.0.9	BSD	https://github.com/hueniverse/sntp
http-signature	0.10.1	MIT	https://github.com/joyent/node-http-signature/
asn1	0.1.11	NA	NA
assert-plus	0.1.5	NA	https://github.com/mcavage/node-assert-plus
ctype	0.5.3	NA	https://github.com/rmustacc/node-ctype
isstream	0.1.1	MIT	https://github.com/rvagg/isstream
json-stringify-safe	5.0.0	BSD	https://github.com/isaacs/json-stringify-safe
mime-types	2.0.9	MIT	https://github.com/jshttp/mime-types
mime-db	1.7.0	MIT	https://github.com/jshttp/mime-db
node-uuid	1.4.2	MIT	https://github.com/broofa/node-uuid
oauth-sign	0.6.0	NA	https://github.com/mikeal/oauth-sign
qs	2.3.3	BSD	https://github.com/hapijs/qs

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stringstream	0.0.4	MIT	https://github.com/mhart/StringStream
tough-cookie	0.12.1	MIT	https://github.com/goinstant/tough-cookie
punycode	1.3.2	MIT	https://mths.be/punycode
tunnel-agent	0.4.0	NA	https://github.com/mikeal/tunnel-agent
mkdirp	0.5.0	MIT	https://github.com/substack/node-mkdirp
minimist	0.0.8	MIT	https://github.com/substack/minimist
xml2js	0.4.5	MIT	https://github.com/Leonidas-from-XIV/node-xml2js
sax	0.6.1	BSD	https://github.com/isaacs/sax-js
xmlbuilder	2.5.1	MIT	http://github.com/oozcitak/xmlbuilder-js
lodash	3.1.0	MIT	https://lodash.com/

6 Apertis Open-Source Components.

Sl. No	Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	More Information
1.	Acl	2.2.53-4co1bv2019.0b1	LGPL-2.1+ <u>Other licenses:</u> FSF Public-domain X11	Copyright © 2011 Andreas Gruenbacher Copyright 1992-2018 Free Software Foundation, Inc. Copyright © 2018 Silicon Graphics, Inc.

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			GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception	
2.	Aper tispr o- archi ve- keyri ng	0.2rb1b v2020.0 b1	GPL-2.0+	Copyright: 2012 RBEI Ltd.
3.	Appa rмор	2.13.2- 10co2bv 2020pre b3	GPL-2.0 <u>Other licenses:</u> LGPL-2.1 Public-domain X11 MIT GPL-2.0+-with-libtool- exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause	Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c) 1999, 2000, 2001, 2002, 2003 2004, 2005, 2006, 2007 NOVELL (All rights reserved) Copyright (C) 2013 Kshitij Gupta Copyright (C) 2009 John Dong Copyright (C) 2009 Dulmandakh Sukhbaatar

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7.	base-passwd	3.5.46co1bv2019.0b1	GPL-2.0+ <u>Other licenses:</u> GPL-2.0	Copyright: Copyright 1999-2002 Wichert Akkerman Copyright 2007 David Mandelberg Copyright 2002, 2003, 2004, 2005, 2007 Colin Watson Copyright 2002, 2003, 2004 Colin Watson Copyright 2001, 2002 Joey Hess Copyright (C) of this file 2014 Chris Leick Copyright (C) Helge Kreutzmann. Copyright (C) 2010 Software in the Public Interest

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12.	Diffutils-gplv2	2:2.8.1-18co3bb1	<p>GPL-2.0+ <u>Other licenses:</u> LGPL-2.0+ NTP GPL V3 or later with autoconf exception GPL V2 or later with autoconf exception</p>	<p>Copyright I 1997-1998, 2006-2007, 2009-2017 Free Software Foundation, Inc. Copyright I 1996,1999 by Internet Software Consortium. Copyright I 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper Copyright I 1994 X Consortium Copyright I 1990-2005, 2007-2009 Acme, Inc.</p>
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16.	findutils-	1:4.2.31-	<p>GPL-2.0+ <u>Other licenses:</u> Public-domain</p>	<p>Copyright 1996-2019 Free Software Foundation, Inc</p>

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				<p>Regents of the University of California Copyright (C) 2012 Davidlohr Bueso Copyright (C) 2005 Kay Sievers Copyright (C) 2005 Jens Axboe Copyright (C) 1998-2003 Miquel van Smoorenburg Copyright (C) 1994-2005 Jeff Tranter Copyright (C) 1994 X Consortium</p>
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44.	yajl	2.1.0-3ba1	ISC	Copyright (c) 2007-2014, Lloyd Hilaiel Copyright (c) 2010-2011 Florian Forster Copyright: 2011 John Stamp

7 Obigo Open-Source components

7.1 vuejs - 2.4

Description: Vue is a progressive framework for building user interfaces

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.2 vux - 0.1.3

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

Available under the license: MIT License

Copyright (c): 2016-present, Airyland

Terms and Conditions: Refer Section 8.3

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7.3 es6-promise - 3.3

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.4 Quasar framework - 0.5

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

Available under the license: MIT License

Copyright (c): 2015-present Razvan Stoenescu

Terms and Conditions: Refer Section 8.3

7.5 tween.js - 16.6

Description: JavaScript tweening engine for easy animations

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.6 iScroll - 5

Description: iScroll is a multi-platform javascript scroller

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.7 array-filter- 1.0.0

Description: Array#filter for older browsers

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.8 array-find - 1.0.0

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.9 array-from - 1.0.0

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

Available under the license: MIT License

Copyright (c): Studio B12 GmbH

Terms and Conditions: Refer Section 8.3

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XC-CT	XC_CT_RN_AIVI_Scope 3.x	9th NOV 2022

7.10 array-map - 0.0.0

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.11 array-shuffle - 1.0.0

Description: Randomize the order of items in an array

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.12 countup - 1.6.1

Description: Animates a numerical value by counting to it

Available under the license: MIT License

Copyright (c): Jamie Perkins

Terms and Conditions: Refer Section 8.3

7.13 object-assign - 4.1.0

Description: ES2015 `Object.assign()` ponyfill

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.14 photoswipe - 4.1.1

Description: JavaScript image gallery for mobile and desktop

Available under the license: MIT License

Copyright (c): Dmitry Semenov

Terms and Conditions: Refer Section 8.3

7.15 shake.js -1.2.2

Description: Deployment tool for node

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.16 validator - 5.1.0

Description: A library of string validators and sanitizers.

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

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7.17 webp-support - 1.0.3

Description: Webp Support 1.0.3 Package

Available under the license: MIT License

Copyright (c): 2016-present, Airyland

Terms and Conditions: Refer Section 8.3

7.18 HTML Parser

Description: A Simple HTML Parser

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

Copyright (c): 2004 Erik Arvidsson

Terms and Conditions: Refer Section 8.4, 8.6

7.19 archiver - 2.1.0

Description: a streaming interface for archive generation

Available under the license: MIT License

Copyright (c): 2012-2014 Chris Talkington

Terms and Conditions: Refer Section 8.3

7.20 async - 2.3.0

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

Available under the license: MIT License

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Copyright (c): 2010-2018 Caolan McMahon

Terms and Conditions: Refer Section 8.3

7.21 bluebird - 3.4.6

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

Available under the license: MIT License

Copyright (c): 2013-2018 Petka Antonov

Terms and Conditions: Refer Section 8.3

7.22 cross-npm-spawn - 1.1.1

Description: Cross-platform NPM spawn

Available under the license: MIT License

Copyright (c): 2016 Leeroy Brun

Terms and Conditions: Refer Section 8.3

7.23 extract-zip - 1.5.0

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

Available under the license: BSD-2-Clause License

Copyright (c): 2014 Max Ogden

Terms and Conditions: Refer Section 8.8

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7.24 fs-extra - 2.0.0

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

Available under the license: MIT License

Copyright (c): 2011-2017 JP Richardson

Terms and Conditions: Refer Section 8.3

7.25 iconv-lite - 0.4.13

Description: Convert character encodings in pure javascript.

Available under the license: MIT License

Copyright (c): 2011 Alexander Shtuchkin

Terms and Conditions: Refer Section 8.3

7.26 is-online - 7.0.0

Description: Check if the internet connection is up

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.27 json-rpc2 - 1.0.2

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

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Available under the license: MIT License

Copyright (c): 2009 Eric Florenzano, Ryan Tomayko

Terms and Conditions: Refer Section 8.3

7.28 lodash - 4.17.4

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

numbers, objects, strings, etc

Available under the license: MIT License

Copyright (c): JS Foundation

Terms and Conditions: Refer Section 8.3

7.29 progress-stream - 2.0.0

Description: Read the progress of a stream

Available under the license: BSD-2-Clause License

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

Terms and Conditions: Refer Section 8.8

7.30 scp2 - 0.5.0

Description: A pure javascript scp program based on ssh2

Available under the license: MIT License

Copyright (c): 2013 Hsiaoming Yang

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Terms and Conditions: Refer Section 8.3

7.31 ssh2 - 0.5.4

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

Available under the license: MIT License

Copyright (c): Brian White

Terms and Conditions: Refer Section 8.3

7.32 sshpk - 1.14.1

Description: A library for finding and using SSH public keys

Available under the license: MIT License

Copyright (c): Joyent, Inc

Terms and Conditions: Refer Section 8.3

7.33 targz - 1.0.1

Description: TarGz for NodeJS

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

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7.34 vboxmanage.js - 1.0.5

Description: A wrapper for VirtualBox CLI with Promises

Available under the license: MIT License

Copyright (c): 2016 Daniel Cohen Gindi

Terms and Conditions: Refer Section 8.3

7.35 xml2js - 0.4.17

Description: Simple XML to JavaScript object converter

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.36 requirejs - 2.1.1

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

Available under the license: MIT License

Copyright (c): jQuery Foundation

Terms and Conditions: Refer Section 8.3

7.37 semver - 2.1.0

Description: The semantic version parser used by npm

Available under the license: ISC License

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Copyright (c): Isaac Z. Schlueter

Terms and Conditions: Refer Section 8.9

7.38 SlowAES - 0.1a1

Description: Implementations of AES in pure scripting languages

Available under the license: Apache License

Copyright (c): Josh Davis

Terms and Conditions: Refer Section 8.6

7.39 which - 2.1.01.0.5

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

Available under the license: ISC License

Copyright (c): Isaac Z. Schlueter

Terms and Conditions: Refer Section 8.3

7.40 eventemitter2 - 1.0.0

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

Available under the license: MIT License

Copyright (c): 2016 Paolo Fragomeni

Terms and Conditions: Refer Section 8.3

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7.41 moment.js - 2.16.0

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

Available under the license: MIT License

Copyright (c): JS Foundation

Terms and Conditions: Refer Section 8.3

7.42 bootstrap - 2.3.1

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

Available under the license: MIT License

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

Copyright (c): 2011-2018 The Bootstrap Authors

Terms and Conditions: Refer Section 8.3

7.43 Minizip

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

Available under the license: zlib License

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

Terms and Conditions: Refer 8.14

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7.44 qtquick2-bem

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

Available under the license: Creative Commons Attribution 3.0

Copyright

Terms and Conditions: Refer 8.15

7.45 Wayland and Weston

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

Available under the license: MIT License

Copyright © 2010 Kristian Høgsberg

Terms and Conditions: Refer 8.3

7.46 flexbuffers - 1.7.1

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

other memory constrained apps. It allows you to directly access serialized data without unpacking/parsing it first, while still having great forwards/backwards compatibility.

Available under the license: Apache 2.0

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Copyright (c):

Terms and Conditions: Refer Section 8.6

7.47 etch - 1.4.0

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

Available under the license: Apache license, v2

Copyright (C) 2012 BMW Car IT GmbH

Terms and Conditions: Refer Section 8.6

7.48 flexbuffers - 1.7.1

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

other memory constrained apps. It allows you to directly access serialized data without unpacking/parsing it first, while still having great forwards/backwards compatibility.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

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7.49 CppSQLite - C++ Wrapper for SQLite - 3.2

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

Available under the license: CPOL 1.02

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

Terms and Conditions: Refer Section - 8.19

7.50 afl-fuzz-2.31b

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

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.51 android_crazy_linker

Description: Fork of the Android NDK crazy linker.

Available under the license: Apache 2.0 License

Copyright (c): 2014 The Chromium Authors

Terms and Conditions: Refer 8.6

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7.52 android_explicit_synchronization

Description: libsync helper library.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer 8.6

7.53 angle-master_2014-10-03

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

7.54 Blink

Description: Contains the public API for Blink. The API consists of a number of C++ header files, scripts, and GYP build files. We consider all other files in Blink to be implementation details, which are subject to change at any time without notice.

Available under the license: LGPL 2.1

Copyright (c): 2014 The Chromium Authors.

Terms and Conditions: Refer Section - 8.17

OpenSource under the terms of section 4 :

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

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

7.55 boringssl-master

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

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

Available under the license: BSD 3 License

Copyright (c):

Terms and Conditions: Refer Section - 8.5

7.56 breakpad-origin/chrome_53

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

Available under the license: BSD 3 License

Copyright (c): 2006, Google Inc.

Terms and Conditions: Refer Section 8.5

7.57 brotli-v0.4.0

Description: Brotli is a generic byte-level compression algorithm that is used at the byte-compression level in WOFF 2.0 font file format. This library is used to decode WOFF 2.0 fonts.

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.58 catapult-0.1.0-alpha-1

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

Available under the license: Apache 2.0 License

Copyright (c): 2015 The Chromium Authors

Terms and Conditions: Refer Section 8.6

7.59 cacheinvalidation-master_2014-09-04

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

invalidations consumed by Sync, Enterprise Policy, and other services. It was previously hosted at <http://code.google.com/p/google-cache-invalidation-api/> but was merged into the Chromium repository at r342.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

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7.60 cld2-master_2017-12-14

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

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

7.61 fontconfig-2.11.0

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

Available under the license: MIT License

Copyright (c): 2012 Google, Inc.

Terms and Conditions: Refer Section 8.3

7.62 compact_encoding_detection

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

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

Available under the license: Apache 2.0 License

Copyright (c): 2016 Google Inc.

Terms and Conditions: Refer Section 8.6

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7.63 compact_language_detector_v3

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

Available under the license: Apache 2.0 License

Copyright (c): 2016 Google Inc.

Terms and Conditions: Refer Section 8.6

7.64 coveragepy-coverage-5.0a1

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

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

Available under the license: Apache 2.0 License

Copyright (c): 2004-2015 Ned Batchelder.

Terms and Conditions: Refer Section 8.6

7.65 crashpad-electron-v1.6.12

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

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7.66 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 8.3

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

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

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

Available under the license: Apache 2.0 License

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

Terms and Conditions: Refer Section 8.6

7.68 flac-1.3.1

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

before sending to Google servers for speech recognition.

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

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7.69 flatbuffers-v1.9.0

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

other memory constrained apps. It allows you to directly access serialized data without unpacking/parsing it first, while still having great forwards/backwards compatibility.

Available under the license: Apache 2.0 License

Copyright (c): 2014 Google Inc

Terms and Conditions: Refer Section 8.6

7.70 fontconfig-2.11.1

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

Available under the license: MIT License

Copyright (c): 2012 Google, Inc.

Terms and Conditions: Refer Section 8.3

7.71 freetype2-VER-2-5-4

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

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

Available under the license: BSD 3 License

Copyright (c):

Terms and Conditions: Refer Section - 8.5

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7.72 freetype2-VER-2-9-1

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

before sending to Google servers for speech recognition

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

Copyright (c):

Terms and Conditions: Refer Section - 8.12

7.73 glslang-GoogleGlslang20160218

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.74 googlemock-release-1.7.0

Description: Google's framework for writing and using C++ mock classes on a variety of platforms (Linux, Mac OS X, Windows, Windows CE, Symbian, etc).

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 8.5

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7.75 googletest-release-1.7.0

Description: Google's framework for writing C++ tests on a variety of platforms (Linux, Mac OS X, Windows, Windows CE, Symbian, etc).

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 8.5

7.76 grpc-v1.4.7

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

Available under the license: BSD 3 License

Copyright (c): 2015, Google Inc.

Terms and Conditions: Refer Section 8.5

7.77 harfbuzz-1.3.1

Description: This is harfbuzz-ng, a new implementation of harfbuzz with a different API from the old one.

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

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7.78 iccjpeg-32.0.1700.102

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

Original author is Tom Lane, from the IJG group.

We include the relevant part of the original IJG licensing term in the file LICENSE.

Available under the license: Custom License

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

Terms and Conditions: Refer Section - 8.16

7.79 icu-release-56-1

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

Available under the license: ICU License

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

Terms and Conditions: Refer Section 8.20

7.80 jsoncpp-svn-release-0.6.0-rc2

Description: The libjingle/webrtc/liblouis_nacl uses jsoncpp for signaling message serialization and deserialization. This library is also shipped in NaCl

SDK and used in several examples.

Available under the license: MIT License

Copyright (c): 2007-2010 Baptiste Lepilleur

Terms and Conditions: Refer Section 8.3

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7.81 khronos_headers

Description: This package contains header files for the EGL and OpenGL ES APIs from Khronos. They are used for compiling code against these APIs as well as for generating the GL binding initialization logic.

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

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

Terms and Conditions: Refer Section 8.3, 8.18

7.82 leveldb-v1.20

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

FileSystem API implementation and others.

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

7.83 libaddressinput-master_2014-10-07

Description: This library lets you enter, validate, and display an address with correct semantics for many countries around the world.

Available under the license: Apache 2.0 License

Copyright (c):

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Terms and Conditions: Refer Section 8.6

7.84 libevent-release-1.4.15-stable

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

7.85 libfuzzer

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

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

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

Terms and Conditions: Refer 8.7

7.86 libjpeg-turbo-1.4.90

Description: This libjpeg-turbo also added a new file jpeglibmangler.h and included it from jpeglib.h that changes the names of all externally visible functions to chromium_* so that we can avoid conflicts that arise when system libraries attempt to use our libjpeg.

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

Copyright (c):

Terms and Conditions: Refer Section 8.13, 8.5, 8.1

7.87 libphonenumber-v8.9.8

Description: International Phone Number Library

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

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

Terms and Conditions: Refer Section 8.6

7.88 libpng-v1.6.22beta03

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

Available under the license: lib png License

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

Terms and Conditions: Refer Section 8.11

7.89 libsrtp-v1.5.2

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

7.90 libvpx-v1.6.0

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

Chromium.

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

7.91 libwebm-libwebm-1.0.0.27

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

Recording API to multiplex encoded audio and video into a WebM container. Only the writing parts are used for this purpose, the rest is not compiled.

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

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7.92 libwebp-v0.5.1

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

digital photographic images. WebP consists of a codec based on VP8, that Google open-sourced in May 2010 and a container based on RIFF. Webmasters, web developers and browser developers can use WebP to compress, archive and distribute digital images more efficiently.

Available under the license: BSD 3 License

Copyright (c): 2010, Google Inc.

Terms and Conditions: Refer Section 8.5

7.93 libxml2-v2.9.5

Description: libxml2 from libxml.org.

Available under the license: MIT License

Copyright (c): 1998-2012 Daniel Veillard.

Terms and Conditions: Refer Section 8.3

7.94 libXNVCtrl-master_2018-03-01

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

Available under the license: MIT License

Copyright (c): 2008 NVIDIA

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7.95 libxslt-v1.1.29-rc2

Description: libxslt from libxml.org.

Available under the license: MIT License

Copyright (c): 1998-2012 Daniel Veillard.

Terms and Conditions: Refer Section 8.3

7.96 libyuv-v1.0.0

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

Available under the license: BSD 3 License

Copyright (c): 2011 The LibYuv Project Authors.

Terms and Conditions: Refer Section 8.5

7.97 linux_syscall_support

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

Available under the license: BSD 3 License

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

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7.98 minigbm

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

Available under the license: BSD 3 License

Copyright (c): 2014 The Chromium OS Authors.

Terms and Conditions: Refer Section 8.5

7.99 modp_b64-master_2014-10-08

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

and to fix compilation errors that occur under VC8. The file was renamed modp_b64.cc to force it to be compiled as C++ so that the inclusion of basictypes.h could be possible.

Available under the license: BSD 3 License

Copyright (c): 2005, 2006 Nick Galbreath

Terms and Conditions: Refer Section 8.5

7.100 mojo-master_2014-10-08

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

It consists of support for a number of programming languages (with a directory for each support language), some "build" tools and build-time requirements, and interface definitions for Mojo services (specified using an IDL).

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

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

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7.101 mt19937ar-32.0.1700.102

Description: This is Chrome's locally patched copy of Takuji Nishimura and Makoto Matsumoto's Mersenne Twister pseudorandom number generator.

Available under the license: BSD 3 License

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

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7.102 native_client-master_2014-10-16

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

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

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7.103 openh264-v1.4.0

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

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Available under the license: BSD 2 License

Copyright (c): 2013, Cisco Systems

Terms and Conditions: Refer Section 8.8

7.104 opus-v1.1.3

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

Available under the license: BSD 3 License

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

Jean-Marc Valin, Timothy B. Terriberry,

CSIRO, Gregory Maxwell, Mark Borgerding,

Erik de Castro Lopo

Terms and Conditions: Refer Section 8.5

7.105 ots-v5.0.0

Description:

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

Available under the license: BSD 3 License

Copyright (c): 2009 The Chromium Authors.

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7.106 ozone-wayland-45.0.2454.37

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

Available under the license: BSD 3 License

Copyright (c): 2013 Intel Corporation.

Terms and Conditions: Refer Section 8.5

7.107 pdfium-chromium/3440

Description: PDF generation and rendering library.

Available under the license: BSD 3 License

Copyright (c): 2014 PDFium Authors.

Terms and Conditions: Refer Section 8.5

7.108 protobuf-v3.0.0-beta-3

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

Available under the license: BSD 3 License

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7.109 qcms

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

originally based on tinycms, re-written by Mozilla for better security and performance. This copy is a source-drop from Mozilla on March 13, 2012.

Available under the license: MIT License

Copyright (c): 2009 Mozilla Corporation

1998-2007 Marti Maria

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7.110 re2-2016-02-01

Description: RE2 is a fast, safe, thread-friendly alternative to backtracking regular expression engines like those used in PCRE, Perl, and Python.

Available under the license: BSD 3 License

Copyright (c): 2009 The RE2 Authors.

Terms and Conditions: Refer Section 8.5

7.111 SevenZip-LZMA-15.14

Description: This contains a part of LZMA SDK 15.14.

Available under the license: Public Domain

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7.112 shaderc-v2018.0

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

Available under the license: Apache 2.0 License

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7.113 skia-v1.60.0

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

Available under the license: BSD 3 License

Copyright (c): 2011 Google Inc.

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7.114 smhasher-trunk_2014-04-22

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

test suite.

Available under the license: MIT License

Copyright (c): 2011 Google, Inc.

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7.115 snappy-v1.1.0

Description: Compression library used by LevelDB.

Available under the license: BSD 3 License

Copyright (c): 2011 Google Inc.

Terms and Conditions: Refer Section 8.5

7.116 SPIRV-Tools-spirv-1.1-rev1

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

7.117 sqlite-version-3.8.4

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

Available under the license: Public Domain

Copyright (c):

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7.118 tcmalloc-master_2012-05-20

Description: Chromium's locally patched copy of tcmalloc.

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Available under the license: BSD 3 License

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7.119 uriparser-uriparser-0.8.0

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

Available under the license: BSD 3 License

Copyright (c): 2007, Weijia Song <songweijia@gmail.com>, 2007, Sebastian Pipping <sebastian@pipping.org>

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7.120 url_parse

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

Available under the license: MPL 1.1 License

Copyright (c): 2007, Google Inc.

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7.121 usrsctp-0.9.3.0

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

RFC 2960.

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Available under the license: BSD 3 License

Copyright (c): 2002-12 Randall R. Stewart, 2002-12 Michael Tuexen

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7.122 v8-5.6.309.1

Description: V8 is Google's open source JavaScript engine. V8 implements ECMAScript as specified in ECMA-262.

Available under the license: BSD 3 License

Copyright (c): 2006-2011, the V8 project authors.

Terms and Conditions: Refer Section 8.5

7.123 VulkanTools-sdk-1.0.8.0

Description: This simply includes the include files for the Vulkan SDK. Eventually this will just be taken from the build system.

Available under the license: MIT License

Copyright (c): 2015 Valve Corporation

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7.124 wayland-1.11.91

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

Available under the license: MIT License

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Copyright (c): 2008-2012 Kristian Høgsberg

2010-2012 Intel Corporation

2011 Benjamin Franzke

2012 Collabora, Ltd.

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7.125 wayland-protocols

Description: wayland-protocols contains Wayland protocols that adds functionality not available in the Wayland core protocol. Such protocols either adds completely new functionality, or extends the functionality of some other protocol either in Wayland core, or some other protocol in wayland-protocols.

Available under the license: MIT License

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2013 Jasper St. Pierre

2014 Jonas Ådahl

2014 Jason Ekstrand

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7.126 WebGL-master_2015-01-08

Description: This is a snapshot of the public webgl conformance tests directory on the Github server.

Available under the license: Apache 2.0 License

Copyright (c):

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7.127 webrtc-builds-9686

Description: WebRTC provides real time voice and video processing functionality to enable the implementation of PeerConnection/MediaStream.

Available under the license: BSD 3 License

Copyright (c): 2011, The WebRTC project authors.

Terms and Conditions: Refer Section 8.5

7.128 woff2

Description: The reference implementation of the WOFF 2.0 web font compression format (<http://www.w3.org/TR/WOFF2/>).

Available under the license: MIT License

Copyright (c):

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7.129 yasm-v1.2.0

Description: Full rewrite of Netwide Assembler (NASM)

Available under the license: BSD 2 License

Copyright (c): 2001-2010 Peter Johnson and other Yasm developers.

Terms and Conditions: Refer Section 8.8

7.130 zlib-1.2.8

Description: General purpose compression library

Available under the license: Zlib License

Copyright (c):1995-2010 Jean-loup Gailly and Mark Adler

Terms and Conditions: Refer Section 8.1

7.131 boost_1_58_0

Description: Boost is a set of libraries for the C++

Available under the license: BSL 1.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.2

7.132 libjson-c-0.10

Description: JSON-C implements a reference counting object model that allows you to easily construct JSON objects in C

Available under the license: MIT License

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Copyright (c): 2004, 2005 Metaparadigm Pte Ltd

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7.133 pkg-config-generator

Description: Simple python (2 or 3) script for generating package config (`.pkg-config` or `.pc`) files

Available under the license: MIT License

Copyright (c): 2016 Nii Mante

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7.134 uriparser-0.8.5

Description: RFC 3986 URI parsing library

Available under the license: BSD 3 License

Copyright (c): 2007, Weijia Song

2007, Sebastian Pipping

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7.135 xmlsec1-1.2.24

Description: XML Security Library

Available under the license: MIT License

Copyright (c):2002-2016 Aleksey Sanin

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7.136 Tornado-4.1

Description: Tornado is a Python web framework and asynchronous networking library

Available under the license: Apache License 2.0

Copyright (c):

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7.137 Ujson-1.35

Description: Json Parser

Available under the license: BSD 3 License

Copyright (c): 2014, Electronic Arts Inc.

Terms and Conditions: Refer Section 8.5


7.138 Python-2.7.9

Description: Python is a widely used high-level programming language for general-purpose programming

Available under the license: Python Library v2.0

Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation

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7.139 Backports-3.4.0.2

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

Available under the license: Python Library v2.0

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zlib.h -- interface of the 'zlib' general purpose compression library
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CppSQLite3 - A C++ wrapper around the SQLite3 embedded database library.

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

In May 2000, Guido and the Python core development team moved to

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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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2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

Footnotes:

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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.
- web_test.py Also cythonize as many of the tests as possible.