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XC\_CT\_RN\_AIVI\_Scope 3.x**

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Version 3.1, 31 March 2009

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Version 2, June 1991

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function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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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.

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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.

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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.

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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


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[This is the first released version of the Library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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

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

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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

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proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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Linux Kernel	v3.4-rc4	(GNU General Public License v2.0 only AND GNU General Public License v2.0 or later)	<a href="https://www.kernel.org">https://www.kernel.org</a>	
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device.renesas.kingfisher		Apache v2		
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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		
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Memory Manager I/F		MIT		
NetworkDisplayDemo		Apache v2		
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OP-TEE (including TEE internal API)		BSD2		
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patch files for i2c-tools		GPL v2		
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R8A7795 GX6650 Device Driver for Android		GPL v2/MIT		
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Settings file of usb fw		Apache v2		
si-tools		GPL v3		
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Apert isproarchi vekeyri ng	0.2rb1bv2020.0b1	GPL-2.0+		Copyright: 2012 RBEI Ltd.
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		LGPL-2.1+ GPL-2.0	<p>             openssl/crypto/chacha/asm              openssl/crypto/ec/asm              openssl/crypto/md5/asm/r              sparcv9.pl              openssl/crypto/modes/asm              openssl/crypto/poly1305/a              openssl/crypto/rc4/asm/*              openssl/crypto/sha/asm              openssl/engines/asm              Dual License - OpenSSL              Clause              openssl/crypto/aes/asm/a              sparcv9.pl openssl/crypto/              openssl/crypto/LPdir_unix           </p> <p>             Copyright 2018-2019 The              Project Authors. All Rights              Reserved.              Copyright 2017 Ribose Inc              Copyright 2017 BaishanC              Copyright 2016 VMS Softw              Copyright 2016 Cryptogra              Research, Inc. Copyright 2              Jason Dominus Copyright              J. Dominus. Copyright 20              Neves Copyright 2011 Go              Copyright 2006 NTT (Nipp              Telegraph and Telephone              Corporation) .              Copyright 2005 Nokia. All              reserved.              Copyright 2004-2014, Aka              Technologies.              Copyright 1994,1995 by Ja              Jackson. Copyright (c) 20              and/or its affiliates. All righ              reserved.              Copyright (c) 2017 Nation              Research Institute. All righ              reserved. */              Copyright (c) 2016 Viktor              All rights reserved.              Copyright (c) 2015, Cloud              Copyright (c) 2013-2014 T              Copyright (c) 2012-2016 J              Philippe Aumasson              Copyright (c) 2012-2014 D              Bernstein           </p>
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ANGLE		BSD 3-Clause License		
Autodesk® FBX® SDK		Autodesk® FBX® SDK 2014 License Agreement		
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AvalonEdit		LGPLv2.1		
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Free Type Engine		Freetype Project License		
GLEW Library		MIT License		
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audioflinger	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2009,2012 The Android Open Source Project
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bugreport	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009 The Android Open Source Project
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compress_simu	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011 The Android Open Source Project
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custom_mmi	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2016 The Android Open Source Project Copyright (C) 2016 Spreadtrum Inc.
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dhcp6	Android4.4	BSD-3-Clause AND ISC AND BSD-4-Clause-UC AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1998-2004 WIDE Project. All rights reserved.
dhcpcd	5.5.6	BSD-2-Clause AND BSD-3-Clause AND ISC AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 2006-2008 Roy Marples <roy@marples.name> All rights reserved Copyright 2006-2012

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drmservice	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2010 The Android Open Source Project
dumpdata	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008 The Android Open Source Project
dumpstate	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008,2013 The Android Open Source Project
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filterpacks	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011 The Android Open Source Project
framework-base-data	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008 The Android Open Source Project copyright © 2007, Google Corporation.Regular Ascender - Droid SansVersion 1.00 copyright Google 2013 Google:Roboto: 2013Roboto RegularVersion 1.200310
framework-native-data	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2006-2013 The Android Open Source Project
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gcc-demangle	4.6	GPL-2.0-or-later AND LGPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 1992, 1993, 1994, 1995, 1996, 1997, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010 ↑ Free Software Foundation, Inc. Copyright ↑ (C)

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				2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Free Software Foundation, Inc. Written by Ian Lance Taylor <ian@wasabisystems.com>.
ge2_libgps	GPS_GLO GE2_W17.4 0.5	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2010 The Android Open Source Project
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icu4c	49.1.1	ICU	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1995- 2012 International Business Machines Corporation and others All rights reserved.
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iptables	1.4.20	GPL-2.0-or-later AND Artistic-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	(C) 1999-2006 by the netfilter coreteam <coreteam@netfilter.org>: Paul 'Rusty' Russell <rusty@rustcorp.com.au> Marc Boucher <marc+nf@mbsi.ca> James Morris <jmorris@intercode.com.au> Harald Welte <laforge@gnunet.org> Jozsef Kadlecsek <kadlec@blackhole.kfki.hu> Copyright © Jan Engelhardt, 2011

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jpeg	Android4.4	BSD-3-Clause AND IJG AND Apache-2.0 AND Zlib	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	<p>Copyright (C) 2009-2011 Nokia Corporation and/or its subsidiary(-ies). All rights reserved.</p> <p>Contact: Alexander Bokovoy &lt;alexander.bokovoy@nokia.com&gt;</p> <p>Copyright (C) 2007-2008,2010-2011 The Android Open Source</p>

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libsync	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2012 Google, Inc
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logcat	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, The Android Open Source Project
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memtester	4	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Originally by Simon Kirby <sim@stormix.com> <sim@neato.org> Version 2 by Charles Cazabon <charlescmemtester@pyropus.ca>
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mksh	1.305	MirOS	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	mksh is covered by The MirOS Licence:
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neven	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Neven Code. Copyright (C) 2008 The Android Open Source Project
nv_exchange	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 The Android Open Source Project
nxppa	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 The Android Open Source Project
omx-core	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011 The Android Open Source Project
opengl	Android4.4	MIT AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2007-2013 The Khronos Group Inc.
openssl	1.1.0i	OpenSSL	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	License text:
pm	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2007, The Android Open Source Project
powermanager	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2011, The Android Open Source Project
ppp	2.4.7	BSD-like	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	This product includes software developed by Paul Mackerras < paulus@samba.org >
pppd	2.4.3	BSD-like AND Apache-2.0 AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1984-2000 Carnegie Mellon University. All rights reserved.
reboot	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2013 The Android Open Source Project
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schedtest	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2008 The Android Open Source Project
sdcard	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2010 The Android Open Source Project
sensorservice	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2010-2012, The Android Open Source Project
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u-boot15	2015.07-gd46d0cf	GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	(C) Copyright 2000 – 2013 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
ueventd	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2010 The Android Open Source Project
vb_effect	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 The Android Open Source Project
vb_pga	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 The Android Open Source Project
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AutoOpts	Unspecifi ed	BSD 3- clause "New" or "Revis ed" License	<a href="https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts">https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts</a>	
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BusyBox	1.24.1, 1.23.2	GNU General Public License v2.0 or later	<a href="http://www.busybox.net">http://www.busybox.net</a>	
Bzip2	1.0.6	Bzip2 License	<a href="http://www.bzip.org/">http://www.bzip.org/</a>	
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ConvertUTF.h	Unspecified	License for Unicode	<a href="http://unicode.org/">http://unicode.org/</a>	
crda	3.18	ISC License	<a href="http://github.com/idor/crda/">http://github.com/idor/crda/</a>	
Das U-Boot - Universal Bootloader	Unspecified	GNU General Public License v2.0 or later	<a href="http://www.denx.de/wiki/U-Boot/WebHome">http://www.denx.de/wiki/U-Boot/WebHome</a>	
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dbus-glib	0.104	Academic Free License v2.1	<a href="http://www.freedesktop.org/wiki/Software/dbus">http://www.freedesktop.org/wiki/Software/dbus</a>	
dotzlib	Unspecified	Boost Software License 1.0	<a href="https://github.com/madler/zlib/tree/master/contrib/dotzlib">https://github.com/madler/zlib/tree/master/contrib/dotzlib</a>	
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Expat XML Parser - libexpat	Unspecified	MIT License	<a href="http://www.libexpat.org/">http://www.libexpat.org/</a>	
Filesystem in Userspace	2.9.4	GNU General Public License v2.0 or later	<a href="http://sourceforge.net/projects/fuse/">http://sourceforge.net/projects/fuse/</a>	
genshlopt	Unspecified	GNU Library General Public License v2 or later	<a href="https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts">https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts</a>	
gkernel - rng-tools	5	GNU General Public License v2.0 or later	<a href="http://sourceforge.net/projects/gkernel/">http://sourceforge.net/projects/gkernel/</a>	
Glib	2.46.0	GNU Library General Public License v2 or later	<a href="https://developer.gnome.org/glib/">https://developer.gnome.org/glib/</a>	
GMP - GNU Multiple Precision Arithmetic Library	6.0.0a	GNU General Public License	<a href="http://gmplib.org/">http://gmplib.org/</a>	

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

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htop	1.0.3	GNU General Public License v2.0 or later	<a href="http://github.com/hishamhm/htop/">http://github.com/hishamhm/htop/</a>	
IDEA_FUNCTION	Unspecified	MIT v2 with Ad Clause License	<a href="https://github.com/ShiftMediaProject/libgrypt/tree/master/cipher">https://github.com/ShiftMediaProject/libgrypt/tree/master/cipher</a>	
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Info-Zip	3.0	Info-ZIP Updated License	<a href="http://www.info-zip.org/pub/infozip/Zip.html">http://www.info-zip.org/pub/infozip/Zip.html</a>	
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jquery	Unspecified	MIT License	<a href="http://github.com/jquery/jquery/">http://github.com/jquery/jquery/</a>	
keyutils	1.5.9	GNU General Public License v2.0 or later	<a href="http://people.redhat.com/~dhowells/keyutils/">http://people.redhat.com/~dhowells/keyutils/</a>	
Kmod_Linux	22	GNU General Public License v2.0 or later	<a href="https://github.com/lucademarchi/kmod">https://github.com/lucademarchi/kmod</a>	
Less	443	Less License	<a href="http://www.greenwoodsoftware.com/less/">http://www.greenwoodsoftware.com/less/</a>	
Lib Cap	2.24	BSD 3-clause "New" or "Revised" License	<a href="http://sites.google.com/site/fullycapable/">http://sites.google.com/site/fullycapable/</a>	
libboost	Unspecified	Boost Software License 1.0		
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Libpgp-error Lib	1.20	GNU Lesser General Public License v2.1 or later	<a href="http://www.gnupg.org/">http://www.gnupg.org/</a>	
libgudev	230	GNU Library General Public License v2 or later	<a href="https://wiki.gnome.org/Projects/libgudev">https://wiki.gnome.org/Projects/libgudev</a>	
libmnl	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://www.netfilter.org/projects/libmnl/">http://www.netfilter.org/projects/libmnl/</a>	
libmount	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="https://github.com/karelzak/util-linux/tree/master/libmount">https://github.com/karelzak/util-linux/tree/master/libmount</a>	
libndp	libndp_test1	GNU Lesser General Public License v2.1 or later	<a href="http://libndp.org/">http://libndp.org/</a>	
libnftnl	Unspecified	GNU General	<a href="http://www.netfilter.org/projects/libnftnl/">http://www.netfilter.org/projects/libnftnl/</a>	

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

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libtopasapidtsi	Unspecified	Robert Bosch Proprietary		
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libuuid	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/karelzak/util-linux/tree/master/libuuid">https://github.com/karelzak/util-linux/tree/master/libuuid</a>	
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libxml2	2.9.4	MIT License	<a href="http://xmlsoft.org/">http://xmlsoft.org/</a>	
libzip	1.0.1	BSD 3-clause "New" or "Revised" License	<a href="http://www.nih.at/libzip/">http://www.nih.at/libzip/</a>	
Linux Kernel	4.0.9	GNU General Public License v2.0 only	<a href="http://www.kernel.org/">http://www.kernel.org/</a>	
Linux Kernel	4.0.9	GNU General Public License v2.0 only	<a href="http://www.kernel.org/">http://www.kernel.org/</a>	
Logging Framework for C++	1.1.2	Apache License 2.0	<a href="http://sourceforge.net/projects/log4cplusplus/">http://sourceforge.net/projects/log4cplusplus/</a>	

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

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opkg	0.3.0	GNU General Public License v2.0 or later	<a href="https://git.yoctoproject.org/cgit/cgit.cgi/opkg/">https://git.yoctoproject.org/cgit/cgit.cgi/opkg/</a>	
PCRE	8.32	PCRE 5 License	<a href="http://sourceforge.net/projects/pcre/">http://sourceforge.net/projects/pcre/</a>	
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protobuf	2.5.0	BSD 3-clause "New" or "Revised"	<a href="http://code.google.com/p/protobuf/">http://code.google.com/p/protobuf/</a>	

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rsync	2.6.9	GNU General Public License v2.0 or later	<a href="http://samba.anu.edu.au/rsync/">http://samba.anu.edu.au/rsync/</a>	
S Trace	4.10	BSD 3- clause "New" or "Revis ed" License	<a href="http://sourceforge.net/projects/strace/">http://sourceforge.net/projects/strace/</a>	
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SQLite	3090200	Public Domain	<a href="http://www.hwaci.com/sw/sqlite/index.html">http://www.hwaci.com/sw/sqlite/index.html</a>	
squashfs-tools	4.3	GNU General Public License v2.0 or later	<a href="http://github.com/plougher/squashfs-tools/">http://github.com/plougher/squashfs-tools/</a>	
systemd	228	GNU Lesser General Public License v2.1 or later	<a href="http://freedesktop.org/wiki/Software/systemd/">http://freedesktop.org/wiki/Software/systemd/</a>	
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vux	0.1.3	MIT License		2016-present, Airyland
es6-promise	3.3	MIT License		Yehuda Katz, Tom Dale, Stefan Penner and contributors
Quasar framework	0.5	MIT License		2015-present Razvan Stoenescu
tween.js	16.6	MIT License		2010-2012 Tween.js authors
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array-filter	1.0.0	MIT License		2013 Julian Gruber
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array-from	1.0.0	MIT License		(c): Studio B12 GmbH
array-map	0.0.0	MIT License		James Halliday
array-shuffle	1.0.0	MIT License		Sindre Sorhus
countup	1.6.1	MIT License		Jamie Perkins
object-assign	4.1.0	MIT License		Sindre Sorhus
photoswipe	4.1.1	MIT License		Dimitry Semenov
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HTML Parser	NA	Mozilla Public License , Apache Software License 2.0		2004 Erik Arvidsson
archiver	2.1.0	MIT License		Copyright (c): 2012-2014 Chris Talkington
async	2.3.0	MIT License		Copyright (c): 2010-2018 Caolan McMahon
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Wayland and Weston	NA	MIT License	Copyright © 2010 Kristian Høgsberg
flexbuffers	1.7.1	Apache 2.0	
etch	1.4.0	Apache 2.0	Copyright (C) 2012 BMW Car IT GmbH
flexbuffers	1.7.1	Apache 2.0	
CppSQLite - C++ Wrapper for SQLite	3.2	CPOL 1.02	Copyright (c): 2004..2007 Rob Groves. All Rights Reserved. rob.groves@btinternet.com
afl-fuzz	2.31b	Apache 2.0	
android_crazy_linker	NA	Apache 2.0	Copyright (c): 2014 The Chromium Authors
android_explicit_synchronization	NA		

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catapult-0.1.0-alpha-1	NA	Apache 2.0	Copyright (c): 2015 The Chromium Authors
cacheinvalidation-master_2014-09-04	NA	Apache 2.0	
cld2-master_2017-12-14	NA	Apache 2.0	
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crashpad-electron	v1.6.12	Apache 2.0	
dmg_fp-master_2014-05-19	NA	MIT License	Copyright (c): 1991, 2000, 2001 by Lucent Technologies.
external-chromium_org-sdch-open-vcdiff-mips-kk-4.4.2_r1.m1	NA	Apache 2.0	Copyright (c): 2008 The open-vcdiff Authors.
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khronos_headers	NA	MIT License, SGI Free Software License B	Copyright (c): 2007-2010 The Khronos Group Inc.
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WebGL-master_2015-01-08	NA	Apache 2.0	Copyright (c): 2011, The WebRTC project authors.
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zlib	1.2.8	Zlib License	Copyright (c):1995-2010 Jean-loup Gailly and Mark Adler
boost	1_58_0	BSL 1.0 License	
libjson	0.1	MIT License	Copyright (c): 2004, 2005 Metaparadigm Pte Ltd
pkg-config-generator	NA	MIT License	Copyright (c): 2016 Nii Mante
uriparser	0.8.5	BSD 3 License	Copyright (c): 2007, Weijia Song 2007, Sebastian Pipping
xmlsec1	1.2.24	MIT License	Copyright (c):2002-2016 Aleksey Sanin
Tornado	4.1	Apache 2.0	
Ujson	1.35	BSD 3 License	Copyright (c): 2014, Electronic Arts Inc.
Python	2.7.9	Python Library v2.0	Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation
Backports	3.4.0.2	Python Library v2.0	Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Python Software Foundation

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



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Supplier: Real_VNC_3_2				
Component name	Version	License	Homepage	Copyright
aclocal and pkg.m4	aclocal 1.11.1	Free Software Foundation - MIT Style License GPL2.0+ wih Autoconf exception		Copyright © 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 FreeSoftware Foundation, Inc. Copyright © 2004 Scott James Remnant <scott@netsplit.com>.
AES		Brian Gladman 3-Clause License or GPL		Copyright © 2003 Dr Brian Gladman, Worcester, UK.
Android Support Libraries	19.0.0	Apache License 2.0		Copyright (c) 2005-2008, The Android Open Source Project
ath9k_faf1dc64_backport.patch		GNU General Public License v2.0 or later		Copyright © 2014 Rajkumar Manoharan.
axTLS (SHA1 only)	1.1.8	BSD 3-Clause "New" or "Revised" License		Copyright © 2007 Cameron Rich. See section 7.7.1
Base64.java	2.3.7	Public domain	<a href="http://iharder.sourceforge.net/current/java/base64">http://iharder.sourceforge.net/current/java/base64</a>	
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.

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expat	2.0.1	MIT License		Copyright © 1998,1999, 2000 Thai Open Source Software center Ltd and Clark Cooper. Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
ExtractMpeg FramesTest. java		Apache License 2.0	<a href="http://bigflake.com/mediacodec/ExtractMpegFramesTest.java.txt">http://bigflake.com/mediacodec/ExtractMpegFramesTest.java.txt</a>	Copyright 2013, The Android Open Source Project
FreeType	2.5.5	FreeType Project license	<a href="http://www.freetype.org">www.freetype.org</a>	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	<a href="http://gcc.gnu.org/libstdc++">http://gcc.gnu.org/libstdc++</a>	Copyright © 1994 to 2009 Free Software Foundation, Inc.
Internal Android OS APIs	android2.3.3_r1 android4.0.1_r1 android4.1.1_r1 android4.2.1_r1 android4.3_r1 android4.4_r1	Apache License 2.0		Copyright 2005-2013, The Android Open Source Project
JRTPLIB	3.9.1	MIT License	<a href="http://research.edm.uhasselt.be/~jori/">http://research.edm.uhasselt.be/~jori/</a>	
JThread	1.3.1	MIT License	<a href="http://research.edm.uhasselt.be/~jori/">http://research.edm.uhasselt.be/~jori/</a>	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	<a href="http://sourceforge.net/projects/libjpegturbo/">http://sourceforge.net/projects/libjpegturbo/</a>	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

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LibTomCrypt	1.16	Public domain	<a href="http://libtom.org">http://libtom.org</a>	
LibTomMath	0.39	Public domain	<a href="http://libtom.org">http://libtom.org</a>	
libudev	142 and 150	GNU Lesser General Public License v2.1 or later	<a href="http://www.kernel.org/pub/linux/utils/kernel/hotplug">http://www.kernel.org/pub/linux/utils/kernel/hotplug</a> .	Copyright © 2008-2010 Key Sievers <key.sievers@vrfy.org> Copyright © 2009 Alan Jenkins <alanjenkins@tuffmail.co.uk>
libupnp (pupnp)	1.6.19	BSD 3-Clause "New" or "Revised" License		Copyright (c) 2000-2003 Intel Corporation. Copyright (c) 2005-2006 Rémi Turbault <r3mi@users.sourceforge.net> Copyright (c) 2006 Michel Pfeiffer and others <virtual_worlds@gmx.de>. Copyright (c) 2011-2012 France Telecom.
libusb	1	GNU Lesser General Public License v2.1 or later		
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>

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

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

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<b>Component</b>	<b>Version</b>	<b>License</b>	<b>Home Page</b>	<b>Copyright</b>
action	0.1.1	Apache License 2.0	<a href="http://repo1.maven.org/maven2/com/nin/g/metrics/action/">http://repo1.maven.org/maven2/com/nin/g/metrics/action/</a>	
Android - platform - dalvik	2.1_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	

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Android - platform - frameworks - base	4.0.1_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - prebuilts - sdk	4.4_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android SDK Support Libraries	19	Apache License 2.0	<a href="https://developer.android.com/tools/support-library/index.html">https://developer.android.com/tools/support-library/index.html</a>	
Android SDK Support Libraries	23.1.1	Apache License 2.0	<a href="https://developer.android.com/tools/support-library/index.html">https://developer.android.com/tools/support-library/index.html</a>	
Drools :: Scorecards	5.5.0.Final	Apache License 2.0	<a href="http://mirrors.ibiblio.org/maven2/org/drools/droolsscorecards/">http://mirrors.ibiblio.org/maven2/org/drools/droolsscorecards/</a>	
mongolduu	master-20121109	Apache License 2.0	<a href="http://github.com/tugstugi/mongolduu/">http://github.com/tugstugi/mongolduu/</a>	
Stan-for-Android	0.1.0	Apache License 2.0	<a href="http://github.com/LaBel305/Stan-forAndroid/">http://github.com/LaBel305/Stan-forAndroid/</a>	
doT	1.0.1	MIT License	<a href="http://github.com/olado/doT/">http://github.com/olado/doT/</a>	
jquery	2.0.3	MIT License	<a href="http://github.com/jquery/jquery/">http://github.com/jquery/jquery/</a>	
jquery_mobile_rails	1.3.2	MIT License	<a href="http://rubygems.org/gems/jquery_mobile_rails">http://rubygems.org/gems/jquery_mobile_rails</a>	
SafeSlinger-Android	1.8.3-messenger	MIT License	<a href="http://github.com/SafeSlingerProject/SafeSlinger-Android/">http://github.com/SafeSlingerProject/SafeSlinger-Android/</a>	
OpenSSL	Generic Version	OpenSSL Combined License	<a href="http://www.openssl.org/">http://www.openssl.org/</a>	
CRC32 MIT.edu	Generic Version	Public Domain	<a href="http://web.mit.edu/">http://web.mit.edu/</a>	
SHA-1 in C	9/1/2001	Public Domain	<a href="http://www.mirrors.wiretapped.net/security/cryptography/hash es/sha1">http://www.mirrors.wiretapped.net/security/cryptography/hash es/sha1</a>	
SyncML C Toolkit	4.0.3	SyncML License	<a href="http://sourceforge.net/projects/syncmlctoolkit/">http://sourceforge.net/projects/syncmlctoolkit/</a>	


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

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



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

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

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### **3.3 OpenSSL - 0.9.8x**

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### 3.8 Libpng - 1.2.40

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### 3.9 Libzip - 0.9

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### 3.21 LibTomCrypt - 1.16

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### 3.22 LibTomMath - 0.39

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### 3.23 Base64.java - 2.3.5.2.

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### 3.33 Action - 0.1.1

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### 3.35 Android - platform - prebuilts - sdk - 4.4\_r1

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### 3.36 Android SDK Support Libraries - 19,23.1.1

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### 3.37 Android SDK Support Libraries

Drools:: Scorecards - 5.5.0.Final

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

### 3.38 Mongolduu - master-20121109

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

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### 3.39 Stan-for-Android - 0.1.0

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### 3.40 doT - 1.0.1

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### 3.41 JQuery: 2.0.3

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### 3.42 jquery\_mobile\_rails - 1.3.2

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### 3.48 CMarkup - 11.05

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

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

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### 3.69 Zip - LZMA SDK - 9.2

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### 3.75 Gpplib

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

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### 3.77 Android - platform - frameworks – base

Version android-7.0.0\_r1

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Version master-20141218

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

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

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


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

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- The hard-coding of config options in opensslconf.h.
- The addition of compile-times to remove dependencies of the C stio library and on Win32 UI.
- The addition of compile-time checks to remove filename strings from release binaries.

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```
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Glenn Randers-Pehrson  
glennrp at  
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September 10, 2009

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

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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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#### 4.19.5 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.

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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.

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

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

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

#### 4.23 Base64.java

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

@author Robert Harder

@author rob@iharder.net

@version 2.3.5.2.

#### 4.24 Internal Android OS APIs

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#### 4.25 ExtractMpegFramesTest.java

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#### 4.26 libupnp (pupnp)

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#### 4.28.1 RealVNC modifications to WPA Supplicant

RealVNC has applied the following patch:

<http://w1.fi/cgit/hostap/patch/?id=f2b3acc9d5.2.b91fbaccfc9dd8d408252bda4f1be9> Copyright © 2002-2014 Jouni Malinen and contributors.

#### 4.28.2 ath9k\_faf1dc64\_backport.patch

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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

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buffer-crc32	0.2.5	MIT	<a href="https://github.com/brianloveswords/buffer-crc32">https://github.com/brianloveswords/buffer-crc32</a>
dbus-native	0.2.0	MIT	<a href="https://github.com/sidorares/node-dbus">https://github.com/sidorares/node-dbus</a>
dbus-proxy	0.0.0-unreleasable	NA	NA
abstract-socket	1.1.0	MIT	<a href="https://github.com/saghul/node-abstractsocket">https://github.com/saghul/node-abstractsocket</a>

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

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

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Description: Vue is a progressive framework for building user interfaces

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

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### 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

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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

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### 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

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#### 7.5 tween.js - 16.6

Description: JavaScript tweening engine for easy animations

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

#### 7.6 iScroll - 5

Description: iScroll is a multi-platform javascript scroller

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

#### 7.7 array-filter- 1.0.0

Description: Array#filter for older browsers

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

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#### 7.8 array-find - 1.0.0

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

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

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### 7.9 array-from - 1.0.0

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

Available under the license: MIT License

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### 7.10 array-map - 0.0.0

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

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### 7.11 array-shuffle - 1.0.0

Description: Randomize the order of items in an array

Available under the license: MIT License

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### 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

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### 7.13 object-assign - 4.1.0

Description: ES2015 `Object.assign()` ponyfill

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### 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>

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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

Copyright (c): 2010-2018 Caolan McMahon

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### 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

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### 7.22 cross-npm-spawn - 1.1.1

Description: Cross-platform NPM spawn

Available under the license: MIT License

Copyright (c): 2016 Leeroy Brun

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### 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

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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

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#### 7.25 iconv-lite - 0.4.13

Description: Convert character encodings in pure javascript.

Available under the license: MIT License

Copyright (c): 2011 Alexander Shtuchkin

Terms and Conditions: Refer Section 8.3

#### 7.26 is-online - 7.0.0

Description: Check if the internet connection is up

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

#### 7.27 json-rpc2 - 1.0.2

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

Available under the license: MIT License

Copyright (c): 2009 Eric Florenzano, Ryan Tomayko

Terms and Conditions: Refer Section 8.3

#### 7.28 lodash - 4.17.4

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

Available under the license: MIT License

Copyright (c): JS Foundation

Terms and Conditions: Refer Section 8.3

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### 7.29 progress-stream - 2.0.0

Description: Read the progress of a stream

Available under the license: BSD-2-Clause License

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

Terms and Conditions: Refer Section 8.8

### 7.30 scp2 - 0.5.0

Description: A pure javascript scp program based on ssh2

Available under the license: MIT License

Copyright (c): 2013 Hsiaoming Yang

Terms and Conditions: Refer Section 8.3

### 7.31 ssh2 - 0.5.4

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

Available under the license: MIT License

Copyright (c): Brian White

Terms and Conditions: Refer Section 8.3

### 7.32 sshpk - 1.14.1

Description: A library for finding and using SSH public keys

Available under the license: MIT License

Copyright (c): Joyent, Inc

Terms and Conditions: Refer Section 8.3

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### 7.33 targz - 1.0.1

Description: TarGz for NodeJS

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

### 7.34 vboxmanage.js - 1.0.5

Description: A wrapper for VirtualBox CLI with Promises

Available under the license: MIT License

Copyright (c): 2016 Daniel Cohen Gindi

Terms and Conditions: Refer Section 8.3

### 7.35 xml2js - 0.4.17

Description: Simple XML to JavaScript object converter

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

### 7.36 requirejs - 2.1.1

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

Available under the license: MIT License

Copyright (c): jQuery Foundation

Terms and Conditions: Refer Section 8.3

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### 7.37 semver - 2.1.0

Description: The semantic version parser used by npm

Available under the license: ISC License

Copyright (c): Isaac Z. Schlueter

Terms and Conditions: Refer Section 8.9

### 7.38 SlowAES - 0.1a1

Description: Implementations of AES in pure scripting languages

Available under the license: Apache License

Copyright (c): Josh Davis

Terms and Conditions: Refer Section 8.6

### 7.39 which - 2.1.01.0.5

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

Available under the license: ISC License

Copyright (c): Isaac Z. Schlueter

Terms and Conditions: Refer Section 8.3

### 7.40 eventemitter2 - 1.0.0

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

Available under the license: MIT License

Copyright (c): 2016 Paolo Fragomeni

Terms and Conditions: Refer Section 8.3

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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

#### 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

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#### 7.45 Wayland and Weston

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

Available under the license: MIT License

Copyright © 2010 Kristian Høgsberg

Terms and Conditions: Refer 8.3

#### 7.46 flexbuffers - 1.7.1

Description: FlatBuffers is an efficient cross platform serialization library for games and other memory constrained apps. It allows you to directly access serialized data without unpacking/parsing it first, while still having great forwards/backwards compatibility.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

#### 7.47 etch - 1.4.0

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

Available under the license: Apache license, v2

Copyright (C) 2012 BMW Car IT GmbH

Terms and Conditions: Refer Section 8.6

#### 7.48 flexbuffers - 1.7.1

Description: FlatBuffers is an efficient cross platform serialization library for games and other memory constrained apps. It allows you to directly access serialized data without unpacking/parsing it first, while still having great forwards/backwards



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<b>XC-CT</b>	<b>XC_CT_RN_AIVI_Scope 3.x</b>	<b>3rd Feb 2023</b>

compatibility.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

#### **7.49 CppSQLite - C++ Wrapper for SQLite - 3.2**

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

Available under the license: CPOL 1.02

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

Terms and Conditions: Refer Section - 8.19

#### **7.50 afl-fuzz-2.31b**

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

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

#### **7.51 android\_crazy\_linker**

Description: Fork of the Android NDK crazy linker.

Available under the license: Apache 2.0 License

Copyright (c): 2014 The Chromium Authors

Terms and Conditions: Refer 8.6

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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 :

[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=214)

[http://oss.obigo.com/oss/index.php?mid=board\\_mxLS91&document\\_srl=218](http://oss.obigo.com/oss/index.php?mid=board_mxLS91&document_srl=218)

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#### 7.55 boringssl-master

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

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

Available under the license: BSD 3 License

Copyright (c):

Terms and Conditions: Refer Section - 8.5

#### 7.56 breakpad-origin/chrome\_53

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

Available under the license: BSD 3 License

Copyright (c): 2006, Google Inc.

Terms and Conditions: Refer Section 8.5

#### 7.57 brotli-v0.4.0

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

#### 7.58 catapult-0.1.0-alpha-1

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

Available under the license: Apache 2.0 License

Copyright (c): 2015 The Chromium Authors

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Terms and Conditions: Refer Section 8.6

#### **7.59 cacheinvalidation-master\_2014-09-04**

Description: This is the API to talk to the Google Cache Invalidation service, used by the invalidations consumed by Sync, Enterprise Policy, and other services. It was previously hosted at <http://code.google.com/p/google-cache-invalidation-api/> but was merged into the Chromium repository at r342.

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 8.6

#### **7.60 cld2-master\_2017-12-14**

Description: The CLD is used to determine the language of text. In Chromium, this is used to determine if Chrome should offer Translate UX to the user.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6


#### **7.61 fontconfig-2.11.0**

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

Available under the license: MIT License

Copyright (c): 2012 Google, Inc.

Terms and Conditions: Refer Section 8.3

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### 7.62 compact\_encoding\_detection

Description: Compact Encoding Detection(CED for short) is a library written in C++ that scans given raw bytes and detect the most likely text encoding.

Available under the license: Apache 2.0 License

Copyright (c): 2016 Google Inc.

Terms and Conditions: Refer Section 8.6

### 7.63 compact\_language\_detector\_v3

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

Available under the license: Apache 2.0 License

Copyright (c): 2016 Google Inc.

Terms and Conditions: Refer Section 8.6

### 7.64 coveragepy-coverage-5.0a1

Description: Coverage.py measures code coverage, typically during test execution. It uses the code analysis tools and tracing hooks provided in the Python standard library to determine which lines are executable, and which have been executed.

Available under the license: Apache 2.0 License

Copyright (c): 2004-2015 Ned Batchelder.

Terms and Conditions: Refer Section 8.6

### 7.65 crashpad-electron-v1.6.12

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

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#### **7.66 dmɡ\_fp-master\_2014-05-19**

Description: David M. Gay's floating point routines

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

#### **7.67 external-chromium\_org-sdch-open-vcdiff-mips-kk-4.4.2\_r1.m1**

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

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

Available under the license: Apache 2.0 License

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

Terms and Conditions: Refer Section 8.6

#### **7.68 flac-1.3.1**

Description: This library is required for the browser to compress and encode recorded audio before sending to Google servers for speech recognition.

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

#### **7.69 flatbuffers-v1.9.0**

Description: FlatBuffers is an efficient cross platform serialization library for games and other memory constrained apps. It allows you to directly access serialized data without unpacking/parsing it first, while still having great forwards/backwards

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compatibility.

Available under the license: Apache 2.0 License

Copyright (c): 2014 Google Inc

Terms and Conditions: Refer Section 8.6

#### **7.70 fontconfig-2.11.1**

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

Available under the license: MIT License

Copyright (c): 2012 Google, Inc.

Terms and Conditions: Refer Section 8.3

#### **7.71 freetype2-VER-2-5-4**

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

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

Available under the license: BSD 3 License

Copyright (c):

Terms and Conditions: Refer Section - 8.5

#### **7.72 freetype2-VER-2-9-1**

Description: This library is required for the browser to compress and encode recorded audio before sending to Google servers for speech recognition

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

Copyright (c):

Terms and Conditions: Refer Section - 8.12

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### 7.73 glslang-GoogleGlslang20160218

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

### 7.74 googlemock-release-1.7.0

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

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 8.5

### 7.75 googletest-release-1.7.0

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

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 8.5

### 7.76 grpc-v1.4.7

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

Available under the license: BSD 3 License

Copyright (c): 2015, Google Inc.

Terms and Conditions: Refer Section 8.5



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### 7.77 harfbuzz-1.3.1

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 8.3

### 7.78 iccjpeg-32.0.1700.102

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

Original author is Tom Lane, from the IJG group.

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

Available under the license: Custom License

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

Terms and Conditions: Refer Section - 8.16

### 7.79 icu-release-56-1

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

Available under the license: ICU License

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

Terms and Conditions: Refer Section 8.20

### 7.80 jsoncpp-svn-release-0.6.0-rc2

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

SDK and used in several examples.

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Available under the license: MIT License

Copyright (c): 2007-2010 Baptiste Lepilleur

Terms and Conditions: Refer Section 8.3

### 7.81 khronos\_headers

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

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

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

Terms and Conditions: Refer Section 8.3, 8.18

### 7.82 leveldb-v1.20

Description: Alternative to SQLite used as the backend for IndexedDB and internally by the FileSystem API implementation and others.

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

### 7.83 libaddressinput-master\_2014-10-07

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 8.6

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#### 7.84 libevent-release-1.4.15-stable

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

#### 7.85 libfuzzer

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

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

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

Terms and Conditions: Refer 8.7

#### 7.86 libjpeg-turbo-1.4.90

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

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

Copyright (c):

Terms and Conditions: Refer Section 8.13, 8.5, 8.1

#### 7.87 libphonenumber-v8.9.8

Description: International Phone Number Library

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

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### **7.88 libpng-v1.6.22beta03**

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

Available under the license: lib png License

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

Terms and Conditions: Refer Section 8.11

### **7.89 libsrtp-v1.5.2**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

### **7.90 libvpx-v1.6.0**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

### **7.91 libwebm-libwebm-1.0.0.27**

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

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

### 7.92 libwebp-v0.5.1

Description: WebP is an image format that does both lossy and lossless compression of digital photographic images. WebP consists of a codec based on VP8, that Google open-sourced in May 2010 and a container based on RIFF. Webmasters, web developers and browser developers can use WebP to compress, archive and distribute digital images more efficiently.

Available under the license: BSD 3 License

Copyright (c): 2010, Google Inc.

Terms and Conditions: Refer Section 8.5

### 7.93 libxml2-v2.9.5

Description: libxml2 from libxml.org.

Available under the license: MIT License

Copyright (c): 1998-2012 Daniel Veillard.

Terms and Conditions: Refer Section 8.3

### 7.94 libXNVCtrl-master\_2018-03-01

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

Available under the license: MIT License

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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.

Terms and Conditions: Refer Section 8.5

#### **7.98 minigbm**

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

Available under the license: BSD 3 License

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### 7.99 modp\_b64-master\_2014-10-08

Description: The modp\_b64.c file was modified to remove the inclusion of modp's config.h and to fix compilation errors that occur under VC8. The file was renamed modp\_b64.cc to force it to be compiled as C++ so that the inclusion of basictypes.h could be possible.

Available under the license: BSD 3 License

Copyright (c): 2005, 2006 Nick Galbreath

Terms and Conditions: Refer Section 8.5

### 7.100 mojo-master\_2014-10-08

Description: The Mojo Public API is a binary stable API to the Mojo system. It consists of support for a number of programming languages (with a directory for each support language), some "build" tools and build-time requirements, and interface definitions for Mojo services (specified using an IDL).

Note that there are various subdirectories named tests/. These contain tests of the code in the enclosing directory, and are not meant for use by Mojo applications.

Available under the license: BSD 3 License

Copyright (c): 2014 The Chromium Authors.

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### 7.101 mt19937ar-32.0.1700.102

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

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Matsumoto's Mersenne Twister pseudorandom number generator.

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 8.5

### **7.102 native\_client-master\_2014-10-16**

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

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 8.5

### **7.103openh264-v1.4.0**

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

Available under the license: BSD 2 License

Copyright (c): 2013, Cisco Systems

Terms and Conditions: Refer Section 8.8

### **7.104 opus-v1.1.3**

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

Available under the license: BSD 3 License

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

Jean-Marc Valin, Timothy B. Terriberry,

CSIRO, Gregory Maxwell, Mark Borgerding,

Erik de Castro Lopo

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#### 7.105 ots-v5.0.0

Description:

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

Available under the license: BSD 3 License

Copyright (c): 2009 The Chromium Authors.

Terms and Conditions: Refer Section 8.5

#### 7.106 ozone-wayland-45.0.2454.37

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

Available under the license: BSD 3 License

Copyright (c): 2013 Intel Corporation.

Terms and Conditions: Refer Section 8.5

#### 7.107 pdfium-chromium/3440

Description: PDF generation and rendering library.

Available under the license: BSD 3 License

Copyright (c): 2014 PDFium Authors.

Terms and Conditions: Refer Section 8.5

#### 7.108 protobuf-v3.0.0-beta-3

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

Available under the license: BSD 3 License

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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.

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### 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

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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.

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#### **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.

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#### **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

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#### **7.118 tcmalloc-master\_2012-05-20**

Description: Chromium's locally patched copy of tcmalloc.

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

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#### **7.121 usrsctp-0.9.3.0**

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

Available under the license: BSD 3 License

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

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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.

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#### **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

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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

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.

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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

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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.

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#### **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

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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.

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### 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

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### 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):

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### 7.132 libjson-c-0.10

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

Available under the license: MIT License

Copyright (c): 2004, 2005 Metaparadigm Pte Ltd

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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

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#### **7.137 Ujson-1.35**

Description: Json Parser

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### 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

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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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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 -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()

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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 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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1.6	1.5.2	2000	CNRI	no
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1.6.1	1.6	2001	CNRI	yes (2)
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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
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	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 complier 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.