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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

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

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fontconfig	2.12.6 2.11.94	MIT License	<a href="http://fontconfig.org/release/fontconfig-2.12.6.tar.gz">http://fontconfig.org/release/fontconfig-2.12.6.tar.gz</a>  <a href="http://fontconfig.org/release/fontconfig-2.11.94.tar.gz">http://fontconfig.org/release/fontconfig-2.11.94.tar.gz</a>	Copyright (c) 2001 Keith Packard.;
freeimage	3.17.0	FreeImage Public License v1.0	<a href="http://sourceforge.net/projects/freeimage/">http://sourceforge.net/projects/freeimage/</a>	Copyright(C)1994 Anthony Dekker
freetype	2.9.1 2.6	Freetype Project License	<a href="https://github.com/aseprite/freetype2/tree/VER-2-9-1">https://github.com/aseprite/freetype2/tree/VER-2-9-1</a>  <a href="https://github.com/aseprite/freetype2/tree/VER-2-6">https://github.com/aseprite/freetype2/tree/VER-2-6</a>	Copyright: Copyright 1996-2013 by David Turner, Robert Wilhelm, and Werner Lemberg. Copyright 2009, 2012 by Oran Agra and Mickey Gabel Copyright (C) 2001, 2002 by Francesco Zappa Nardelli, Copyright 2007-2013 Adobe Systems Incorporated. Copyright 2004-2006, 2009, 2010, 2012, 2013 by Albert Chin-A-Young. Copyright 1990, 1994, 1998 The Open Group. Copyright 2013 by Google, Inc. Copyright 2002-2004, 2006, 2007, 2009, 2011, 2013 by Roberto Alameda. Copyright 2002, 2003, 2006, 2008 by Roberto Alameda. Copyright 2003 Huw D M Davies for Codeweavers Copyright 2007 Dmitry Timoshkov for Codeweavers;
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gcc	5.2.0 7.5.0 3.0	GCC Runtime Library Exception 3.1 to GPL 3.0	<a href="https://github.com/gcc-mirror/gcc/tree/releases/gcc">https://github.com/gcc-mirror/gcc/tree/releases/gcc</a>	Copyright(C)1997-2017 Free Software Foundation, Inc
gconf	3.2.6	GNU Library General Public License v2 or later	<a href="https://projects.gnome.org/gconf/">https://projects.gnome.org/gconf/</a>	Copyright (C) 2001 Sun Microsystems, Inc. Copyright (C) 1999, 2000, 2002 Red Hat Inc, Copyright (C) 2003 Imendio AB, Copyright (C) 2010 Novell, Inc.;
gdk-pixbuf	2.36.11	GNU Library General Public License v2 or later	<a href="https://github.com/GNOME/gdk-pixbuf/tree/2.36.11">https://github.com/GNOME/gdk-pixbuf/tree/2.36.11</a>	Copyright (C) 2016 Chun-wei Fan, 2003 The Free Software Foundation;
audiomanager	7.5.89	Mozilla Public License 2.0	<a href="https://www.ohloh.net/p/genivi-audio-manager">https://www.ohloh.net/p/genivi-audio-manager</a>	Copyright: 2012 Continental Automotive Systems, Inc, 2012, BMW AG, Copyright (C) 2015-2017 Bayerische Motoren Werke Aktiengesellschaft (BMW AG), copyright (c) 2016 Advanced Driver Information Technology, copyright (c) 2003 - 2011 ADIT Corporation;
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glib	2.54.3	GNU Lesser General Public License v2.1 or later	<a href="https://github.com/GNOME/glib/tree/2.54.3">https://github.com/GNOME/glib/tree/2.54.3</a>	Copyright (C) 2004 Red Hat, Inc. Copyright (C) 2006 Alberto Ruiz Copyright (C) 2016 Collabora Ltd.;
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glib-networking	2.60.3	GNU Lesser General Public License v2.1 or later	<a href="https://gitlab.gnome.org/GNOME/glib-networking/-/tree/2.60.3">https://gitlab.gnome.org/GNOME/glib-networking/-/tree/2.60.3</a>	Copyright (C) 2015 NICE s.r.l., Copyright (c) 1999-2003 The OpenSSL Project. All rights reserved., Copyright 2009-2011 Red Hat, Inc ;
glog	0.3.4	BSD 3-Clause "New" or "Revised" License	<a href="http://github.com/google/glog/archive/v0.3.4.tar.gz">http://github.com/google/glog/archive/v0.3.4.tar.gz</a>	Copyright (c) 1999, Google Inc

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gst-plugins-base	1.12.4	GNU Library General Public License v2 or later	<a href="http://gstreamer.freedesktop.org/src/gst-plugins-base/">http://gstreamer.freedesktop.org/src/gst-plugins-base/</a>	Copyright (C) 2007-2008 Jean-Marc Valin Copyright (C) 2008 Thorvald Natvig Copyright (C) 2013 Collabora Ltd Copyright (C) 2013-2014 Tim-Philipp Müller Copyright (C) 2009 Edward Hervey Copyright (C) 1999-2001 Erik Walthinsen <omega@cse.ogi.edu> Copyright (C) 2005 Andy Wingo <wingo@pobox.com> Copyright (C) 2010 Sebastian Dröge <sebastian.droege@collabora.co.uk> Copyright (C) 2010 David Schleef Copyright (C) 2003 Ronald Bultje Copyright (C) <2004> Thomas Vander Stichele Copyright (C) 2003 Benjamin Otte Copyright (C) 2006 Wim Taymans Copyright (c) 2009 Thiago Santos Copyright (C) 2007 Rene Stadler Copyright (C) 2009 Nokia Corporation Copyright (C) 2005 Stefan Kost Copyright (C) 2011 Intel Corporation Copyright (C) <2011> Thibault Saunier Copyright (C) <2003> Julien Moutte Copyright (C) 2011 Mark Nauwelaerts Copyright (C) 2010 Brandon Lewis Copyright (C) <2005> Philippe Khalaf Copyright (C) 2006 Ryan Lortie Copyright (C) 2009 Igalia S.L Copyright (C) <2009> Young-Ho Copyright (C) <2006> Zeeshan Ali Copyright (C) 2003 Commonwealth Scientific and Industrial Research
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gstreamer	1.12.4 0.10	GNU Lesser General Public License v2.1 or later  MultipleLicense s: MIT License	<a href="http://gstreamer.freedesktop.org/">http://gstreamer.freedesktop.org/</a>  <a href="http://tracker.debian.org/pkg/gstreamer0.10">http://tracker.debian.org/pkg/gstreamer0.10</a>	<p>Copyright (C) 2003 Thomas Vander Stichele            Copyright (C) 2003 Benjamin Otte            Copyright (C) 2005 Andy Wingo ,            Copyright (C) 2013 Stefan Sauer ,            Copyright (C) 1999,2000 Erik Walthinsen            Copyright (C) 2000 Wim Taymans ,            Copyright (C) 2004 Thomas Vander Stichele ,            Copyright (C) 2007-2009 Nokia Corporation,            Copyright (C) 2007-2009 Collabora Ltd,            Copyright (C) 2003 Benjamin Otte ,            Copyright (C) 2013 LGE Corporation.,            Copyright (C) 2011 Sebastian Dröge ,            Copyright (C) 2007 Jan Schmidt ,</p>

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gstreamer1.0-omx	1.12.4	GNU Lesser General Public License v2.1 only	<a href="http://freedesktop.org/wiki/GstOpenMAX">http://freedesktop.org/wiki/GstOpenMAX</a>	Copyright (C) 2011, Hewlett-Packard Development Company, L.P, Copyright (C) 2013, Collabora Ltd. Copyright (C) 2014, Sebastian Dröge <sebastian@centricular.com>,

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gstreamer1.0-rtsp-server	1.12.4	GNU Library General Public License v2 or later  MultipleLicenses: MIT License	<a href="http://cgkit.free-desktop.org/gstreamer/gst-rtsp-server/">http://cgkit.free-desktop.org/gstreamer/gst-rtsp-server/</a>	Copyright(C)2005,2006,2008,2010,2013 Wim Taymans <wim at fluendo dot com>, Copyright (C) 2015 Centricular Ltd, Copyright (C) <2006> Lutz Mueller <lutz at topfrose dot de> Copyright (C) <2015> Jan Schmidt <jan at centricular dot com>;
gupnp	1.0.2	GNU Library General Public License v2 or later	<a href="http://www.gupnp.org/">http://www.gupnp.org/</a>	Copyright (C) 2015 Jens Georg, Copyright (C) 2011,2013,2014 Jens Georg, Copyright (C) 2006,2007,2008 OpenedHand Ltd, Copyright (C) 2009,2011 Nokia Corporation, Copyright (C) 2013 Intel Corporation, Copyright (C) 2007 Zeeshan Ali (Khattak).;
gupnp-av	0.12.10	GNU Library General Public License v2 or later	<a href="https://developer.gnome.org/gupnp-av/unstable/">https://developer.gnome.org/gupnp-av/unstable/</a>	Copyright (C) 2012 Intel Corporation Copyright (C) 2009 Nokia Corporation. Copyright (C) 2007 Zeeshan Ali (Khattak) <zeeshanak@gnome.org>, Copyright (C) 2012 Intel Corporation. Copyright (C) 2008 Opened Hand Ltd. Copyright (C) 2012 Intel Corporation Copyright (C) 2007, 2008 OpenedHand Ltd.;
gupnp-dlna	0.10.5	GNU Library General Public License v2 or later	<a href="https://developer.gnome.org/gupnp-dlna/unstable/">https://developer.gnome.org/gupnp-dlna/unstable/</a>	Copyright (C) 2012, 2013 Intel Corporation.;
gzip	1.3.12	GNU General Public License v2.0 or later	<a href="http://www.gnu.org/software/gzip/">http://www.gnu.org/software/gzip/</a>	Copyright (C) 1998, 2002, 2006, 2007 Free Software Foundation, Copyright (C) 1992,1993 Jean-loup Gailly.;
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	1.7.4		arfbuzz/tree/1.7.5  <a href="https://github.com/harfbuzz/harfbuzz/tree/1.0.2">https://github.com/harfbuzz/harfbuzz/tree/1.0.2</a>  <a href="https://github.com/harfbuzz/harfbuzz/tree/1.7.4">https://github.com/harfbuzz/harfbuzz/tree/1.7.4</a>	2011,2012,2014 Google, Inc;
hfsutils	3.2.6	GNU General Public License v2.0 or later	<a href="http://www.mars.org/home/rob/proj/hfs/">http://www.mars.org/home/rob/proj/hfs/</a>	Copyright (C) 1996-1998 Robert Leslie
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--- end of FTL.TXT ---

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GCC Runtime Library Exception 3.1 to GPL 3.0

Version 3.1, 31 March 2009

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Linus Torvalds

Version 2, June 1991

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free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

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

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

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

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

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

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

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

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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.

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

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
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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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[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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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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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

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

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provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this

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

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

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

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

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

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

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.

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Version 2, June 1991

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and what the program that uses the Library does.

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

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

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

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Android - platform - packages - apps - Bluetooth	android-8.0.0_r2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
aosp-mirror/platform_hardware_libhardware	android-n-iot-preview-4	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - av	android-7.0.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - external - bluetooth - bluedroid	android-4.2.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - av	android-4.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
aosp-mirror/platform_hardware_libhardware	android-o-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-7.1.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-2.1_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-o-preview-2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
CyanogenMod - android_external_bluetooth_bluetooth	cm-10.2-M1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
aosp-mirror/platform_hardware_libhardware	android-n-mr2-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-5.1.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-p-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-3.2.4_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-wear-n-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-8.1.0_r2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
aosp-mirror/platform_hardware_libhardware	android-6.0.1_r30	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-4.0.3_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-4.4_r0.7	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks	android-	Apache	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	

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

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- base	4.4_r0.8	License 2.0	roid.com/index.html	
Android - platform - hardware - libhardware	android-5.1.0_r1	Apache License 2.0	http://developer.roid.com/index.html	
Android - platform - frameworks - base	android-n-mr2-preview-1	Apache License 2.0	http://developer.roid.com/index.html	
Android - platform - packages - apps - Bluetooth	android-6.0.0_r1	Apache License 2.0	http://developer.roid.com/index.html	
Android - platform - frameworks - opt - bluetooth	android-6.0.0_r1	Apache License 2.0	http://developer.roid.com/index.html	
Android - platform - frameworks - base	android-n-preview-1	Apache License 2.0	http://developer.roid.com/index.html	
Android - platform - frameworks - base	android-4.2_r1	Apache License 2.0	http://developer.roid.com/index.html	

### 3.2.Supplier : Android\_OMR1

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

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

### 3.3.Supplier : Apertis

Supplier: Apertis				
Name of OSS Component	Version	License	Home Page	Copyrights
Acl	2.2.53-4co1bv2019.0b1	LGPL-2.1+ Other licenses: FSF Public Domain X11 GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception		Copyright © 2011 Andreas Gruenbacher Copyright 1992-2018 Free Software Foundation, Inc. Copyright © 2018 Silicon Graphics, Inc.
Apertis pro archive keyring	0.2rb1bv2020.0b1	GPL-2.0+		Copyright: 2012 RBEI Ltd.
Apparmor	2.13.2-10co2bv2020preb3	GPL-2.0 Other licenses: LGPL-2.1 Public Domain X11 MIT		Copyright 1992-2018 Free Software Foundation, Inc.

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		GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause	Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007 NOVELL (All rights reserved) Copyright (C) 2013 Kshitij Gupta Copyright (C) 2009
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Attr	2.4.48- 4co1bv2019 .0b1	LGPL-2.1+ Other licenses: GPL-2.0+ FSF Public Domain X11	<p>Copyright (C) 2007 Andreas Gruenbach er &lt;a.gruenba cher@comp uter.org&gt; Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2001- 2003,2005 Silicon Graphics, Inc. All Rights Reserved. Copyright</p>

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Audit	2.8.4- 3bv2020pre b2	GPL-2.0 only LGPL-2.1 only Other licenses: X11 Public Domain MIT GPL-2.0+-with- libtool- exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with	Copyright 2014,2016, 2017 Red Hat Inc., Durham, North Carolina. Copyright 2008 FUJITSU Inc. Copyright 2005-18 Steve Grubb Copyright 1992-2017

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base-files	10.3+deb10u3co4~v2020.0b1	GPL-2.0+ Other licenses: MPL-2.0 LGPL-2.1+ LGPL-2.0+ GFDL-1.3 CC0-1.0 BSD-3-Clause Artistic-1.0-Perl Apache-2.0	Copyright (C) 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc.
basepasswd	3.5.46co1bv2019.0b1	GPL-2.0+ Other licenses: GPL-2.0	Copyright: Copyright 1999-2002 Wichert Akkerman Copyright 2007 David Mandelberg Copyright 2002, 2003, 2004, 2005, 2007 Colin Watson Copyright 2002, 2003,

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Core utils	6.9-0co11ba1	GPL-2.0+ Other licenses: Public Domain GPL V2 or later with autoconf exception GPL-2.0 BSD-3-Clause GFDL-1.2 ISC FSF X11 LGPL-2.1+ GPL V2 or later with bison exception GPL V2 or later with texinfo exception FSFUL	Copyright 1991-2004 Miquel van Smoorenburg Copyright 1989, 1991-2016 Free Software Foundation, Inc. Copyright (c) 1996-1999 by Internet Software Consortium. Copyright (c) 1990, 1993, 1994 The Regents of the University of California.

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dbus	1.12.20-0+deb10u1b v2020.0b3	GPL-2.0+ AFL-2.1 Other licenses: BSD-3-Clause MIT GPL V3 or later with autoconf exception FSF	Copyright © 2014-2015 Canonical, Ltd. Copyright © 2013-2015 Collabora Ltd. Copyright © 2013 Intel Corporation Copyright ©

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dash	0.5.10.2-5co1bv2019.0b1	GPL-2.0+ AFL-2.1 Other licenses: BSD-3-Clause MIT GPL V3 or later with autoconf exception FSF TCL LGPL-2.1+ AFL-2.0 Public Domain	Copyright © 2014-2015 Canonical, Ltd. Copyright © 2013-2015 Collabora Ltd. Copyright © 2013 Intel Corporation Copyright © 2011-2012 Nokia Corporation Copyright 2004 Robert Shearman Copyright 2004 Eric Poch Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2017, 2018 Reini Urban Copyright (c) 2015 Philip Withnall Copyright (c) 2015 Enrico M.

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Diffutils-gplv2	2:2.8.1-18co3bb1	GPL-2.0+ Other licenses: LGPL-2.0+ NTP GPL V3 or later with autoconf exception GPL V2 or later with autoconf exception		Consortium Copyright I 1997-1998, 2006-2007, 2009-2017 Free Software Foundation, Inc. Copyright I 1996,1999 by Internet Software Consortium. Copyright I 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper Copyright I 1994 X Consortium Copyright I 1990-2005, 2007-2009 Acme, Inc.
dlt-daemon	2.18.x-i491rb1bv2020.0b2	MPL-2.0 Other licenses: MIT		Copyright (C) 2015, Advanced Driver Information Technology Copyright (C) 2016 BMW AG copyright Copyright © 2015 Intel Corporation . copyright Copyright © 2015 ADIT. Copyright (c) 2011 Google, Inc. Copyright 2010 Lennart Poettering Copyright (C) 2018, Codethink

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e2fsprogs	1.44.5-1+deb10u3b v2020.0b1	GPL-2.0+ LGPL-2.0+ Other licenses: NTP BSD-3-Clause LGPL-2.1+ Public Domain ISC Apache-2.0 GPL V3 or later with autoconf exception FSF GPL V2 or later with texinfo exception GPL V2 or later with bison exception FSFUL	Ltd. Copyright (C) 2004 Kay Sievers Copyright (c) 2001 Daniel Phillips Copyright (C) 2001 Andreas Gruenbacher Copyright (C) 1998 Andrey Shedel Copyright (c) 1997, 1998, 2001 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden Copyright (c) 1988 Regents of the University of California Copyright 1998-2000 Red Hat, Inc Copyright 1987, 1988, 1989 by MIT Copyright (c) 2001 Alcove Copyright (c) 1997 Klee Dienes Copyright (c) 1997-2003 Yann Dirson Copyright
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expat	2.2.6-2+deb10u1b v2020preb2	MIT Other licenses: Public Domain GFDL-1.1 Apache-1.1	Copyright © 1998-2017 Thai Open Source Software Center, Clark Cooper, and the Expat maintainers Copyright (c) 2017 Expat

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findutils-gplv2	1:4.2.31-4co7bv2019.0b1	GPL-2.0+ Other licenses: Public Domain X11 LGPL-2.1+ FSFUL GPL V2 or later with autoconf exception	Copyright 1996-2019 Free Software Foundation, Inc Copyright (C) 1995-1997, 2000-2005 by Ulrich

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Gcc8	8.3.0-6bv2019.0b1	GPL-3.0+-with-GCC-exception 3.1 Other licenses: BSD-3-Clause MIT LGPL-2.1+ GPL-2.0+  BSD-1-Clause FSFAP ISC BSL-1.0 Freeware License NCSA BSD-2-Clause BSD-4-Clause-UC LGPL-2.0+ Public Domain BSD-2-Clause-NetBSD Zlib GFDL-1.3 GPL-2.0 NTP CC-BY-SA-3.0 Unicode Curl License bzip2-1.0.6 IJG CC-BY-4.0 Sun RPC License LGPL V2.1+ with GCC exception GPL-3.0+ with gnu-javamail-exception GPL-2.0+ with gnu-javamail-exception GPL V3 or later with Tex exception GFDL V1.3		Dual license - GPL-2.0+ & LGPL-2.1+ gcc-8/gcc-8.3.0-dfsg.tar.xz/gcc-8.3.0/libffi  Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Xinliang David Li Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Wolfgang Gellerich (gellerich@de.ibm.com). Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Thomas Koenig, based on unpack_gen_eric.c by Paul Brook Copyright (C) 2008-2018 Free

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glib2.0	2.58.3-2+deb10u2b v2020.0b2	LGPL-2.1+ Other licenses: BSD-3-Clause LGPL-2.0+ MIT Public Domain GPL-2.0+ bzip2-1.0.6 GPL V2 or later with autoconf exception		Dual License – AFL-2.0 or LGPL-2.1+ glib2.0/gio/x dgmime/*  Copyright © 2018 Tomasz Miąsko Copyright © 2018 Endless Mobile, Inc. Copyright © 2016 Red Hat, Inc. Copyright © 2015 Patrick Griffis Copyright © 2015 Collabora, Ltd. Copyright © 2015 Canonical Limited

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libgrypt20	1.8.4-5co1bv2019.0b1	LGPL-2.1+ Other licenses: FSF GPL-2.0+ GPL V2 or later with autoconf exception X11 BSD-3-Clause Public Domain LGPL-2.0+ LGPL-2.1 ISC GPL V3 or later with autoconf exception GPL V3 or later with Tex exception GNU Libtool GPL v2 or later with exception		Dual License - BSD - 3 Clause or GPL v2 libgrypt20/andom/jitterentropy-base.c  Copyright (C) 2004, 2005, 2007, 2009 Free Software Foundation, Inc. Written by Scott James Remnant, 2004. copyright Peter Gutmann (and various others) 1996, 1997, 1998, 1999. Copyright 2013 g10 Code GmbH Copyright Stephan Mueller 2014 – 2017 Copyright 2012 Simon Josefsson and Niels Möller Copyright 2012, Samuel Neves Copyright 1998 Owen Taylor, modified for libgrypt and gnutls by Ivo
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				<p>           .            Copyright ©            2014 Holger            Hans Peter            Freyther            Copyright ©            2014 Carlos            Garnacho            Copyright ©            2014 Axis            Communica            tions AB.            Copyright ©            2013-2017            Sergey            Ptashnick            Copyright ©            2013-2016            Sylvain            Plantefève            Copyright ©            2013 Simon            Peeters            Copyright ©            2013 Jan            Janssen            Copyright ©            2013 Holger            Hans Peter            Freyther            Copyright ©            2013            Daniele            Medri            Copyright ©            2012            Roberto            Sassu -            Politecnico            di            Torino, Italy            TORSEC            group —  <a href="http://security.polito.it">http://security.polito.it</a>            Copyright ©            2012 Holger            Hans Peter            Freyther            Copyright ©            2012 B.            Poettering            Contact:            fsprg@point         </p>
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			-at-infinity.org Copyright © 2011 ProFUSION embedded systems Copyright © 2011 Karel Zak Copyright © 2010 Ran Benita Copyright © 2010 ProFUSION embedded systems Copyright © 2010 Maarten Lankhorst Copyright © 2010 - Maxim Levitsky Copyright © 2009-2010 David Zeuthen Copyright © 2009 Scott James Remnant Copyright © 2009 Canonical Ltd. Copyright © 2009 Alan Jenkins Copyright © 2008 Red Hat, Inc. Copyright © 2008 Ian Kent Copyright (c) 2012 Josh Triplett Copyright (c) 2011-2014 PLUMgrid,
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			<p>http://plumgrid.com            Copyright (c) 2009 Filippo Argiolas            Copyright (c) 2005 SUSE Linux Products GmbH, Germany            Author: Hannes Reinecke            Copyright (C) IBM Corp. 2003            Copyright (C) 2015-2017 Jason A. Donenfeld            Copyright (C) 2004 - 2009 Red Hat, Inc.            Copyright (C) 2001 - 2003 Sistina Software (UK) Limited.</p>
sysvinit	2.93-8bv2019.0b 1	GPL-2.0+ Other licenses: GPL-2.0	<p>Copyright on this file 1998 Danek Duvall.            Copyright (c) 2011 SuSE LINUX Products GmbH, All rights reserved.            Copyright (c) 2006 Red Hat, Inc. All rights reserved.            Copyright (C) 2018</p>

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			<p>Jesse Smith Copyright (C) 2005 Miquel van Smoorenbu rg.</p>
targplv2	1.17-0co9ba1	<p>GPL-2.0+ Other licenses: Public Domain GPL-1.0+ X11 LGPL-2.1+ GPL V2 or later with bison exception GPL-2.0-with- autoconf- exception GPL V2 or later with texinfo exception GPL V2 or later with autoconf exception</p>	<p>Copyright © 2004 Free Software Foundation, Inc. Copyright (C) 1994 X Consortium Copyright (C) 1983 Regents of the University of California. (C) Copyright 2013 Bdale Garbee</p>
utillinux	2.33.1-0.1co1bv20.0b1	<p>GPL-2.0+ Other licenses: BSD-4-Clause- UC Public Domain MIT LGPL-2.1+ FSF BSD-3-Clause GPL-2.0 LGPL-2.0+ GPL-1.0+ ISC X11 GPL v3 or later with Bison exception GPL-2.0+-with- libtool- exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception</p>	<p>Copyright © Michael Piefel 2002, 2004, 2005, 2007, 2008. Copyright © Karel Zak copyright is claimed. This code is in the Public Domain; do with it what you wish. Copyright © 2015 Free Software Foundation, Inc Copyright © 2014 Benjamin Weis Mario Blättermann , 2014, 2015. Philipp Thomas 2014, 2015,</p>

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		FSFUL	2017. Copyright © 2012-2015 Dan Nicholson Copyright © 2012 Arun Persaud; Copyright © 2011,2015, 2016 Philipp Thomas Copyright © 2004 Scott James Remnant Copyright © 2004 Nilgün Belma Bugüner. Copyright © 2002-2018 Lauri Nurmi Copyright © 2001, 2002 Karl Eichwalder. Copyright © 2000-2001 Gunnar Ritter. Copyright © 1994-2002 Kevin E. Martin Copyright Red Hat Software, 1999, 2000 Copyright IBM Corp. 2016 Copyright 2017 Sami Kerola Copyright 2014 Ondrej Oprala Copyright 2012 Vivek Goyal Copyright
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				2012 Davidlohr Bueso Copyright 2010 Lennart Poettering Copyright 2010 Jason Borden Copyright 2009 Tim Gardner Copyright 2009 Marcel Holtmann Copyright 2009 Johannes Berg Copyright 2008 Tilman Schmidt Copyright 2000 Colin Watson (cjlw44@ca m.ac.uk) Copyright 2000 Andreas Dilger Copyright 1993 Rickard E. Faith Copyright 1993, 1994, 1995 by Theodore Ts'o. Copyright 1990 Gordon Irlam Copyright (c) 2016 Werner Fink Copyright (c) 2016 SUSE Linux GmbH,
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				Copyright (c) 2014 Timofey Titovets Copyright (c) 2008 Roy Peled, Copyright (c) 2004- 2006 by Juliane Holz, kju - at- fqdn.org Copyright (c) 2003- 2005 Silicon Graphics, Inc. Copyright (c) 2000- 2001 Gunnar Ritter Copyright (c) 1996- 2004 Andries Brouwer Copyright (c) 1992 Rik Faith Copyright (c) 1988 Mark Nudleman Copyright (C) 2014 Ondrej Oprala Copyright (C) Michal Luscon Copyright (C) Andries Brouwer Copyright (C) 2018 Vaclav Dolezal Copyright (c) 1991, 1993 The Regents of
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			<p>the University of California Copyright (C) 2012 Davidlohr Bueso Copyright (C) 2005 Kay Sievers Copyright (C) 2005 Jens Axboe Copyright (C) 1998-2003 Miquel van Smoorenburg Copyright (C) 1994-2005 Jeff Tranter Copyright (C) 1994 X Consortium</p>
xzutils	5.2.4-1bv2019.0b1	<p>Public Domain Other licenses: GPL-2.0+ LGPL-2.1+ GPL-2.0+-with-libtool-exception FSFUL GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception MIT</p>	<p>Copyright: © 2014, Google Inc. Copyright: © 2008, Steven G. Johnson Copyright: © 2003 Free Software Foundation, Inc. Authors: Bruno Haible Copyright: © 1997-2007 by Dimitri van Heesch Copyright: © 1993, Jean-loup Gailly Copyright:</p>

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

				<p>2010, Marek Černocký 2010, Andre Noll 2011, Adrien Nader Copyright: 2009-2010, Lasse Collin Copyright: 2010, Daniel Mealha Cabrita Copyright: 2009, Andrew Dudman 2009, Lasse Collin Copyright: 2009, 2010, Gruppo traduzione italiano di Ubuntu-it 2010, Lorenzo De Liso 2009, 2010, 2011, Milo Casagrande 2011, Jakub Bogusz Copyright (C) Michael D. Brennan Copyright (C) 2006 Timo Lindfors Copyright (C) 2005 Philipp Benner Copyright (C) 2004- 2017 Bootstrap Authors Copyright (C) 1998, 1999, 2001</p>
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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

				Henry Spencer. Copyright (C) 1994 X Consortium Copyright (C) 1993 Jean-loup Gailly
yajl	2.1.0-3ba1	ISC		Copyright (c) 2007-2014, Lloyd Hilaiel Copyright (c) 2010-2011 Florian Forster Copyright: 2011 John Stamp

### 3.4. Supplier : CGI

<b>Supplier: CGI</b>				
<b>Name of OSS Component</b>	<b>Version</b>	<b>License</b>	<b>Home Page</b>	<b>Copyrights</b>
ANGLE		BSD 3-Clause License		
Autodesk® FBX® SDK		Autodesk® FBX® SDK 2014 License Agreement		
AvalonDock		BSD 3-Clause License		
AvalonEdit		LGPLv2.1		
Bitstream Vera Fonts		Bitstream Vera Fonts Copyright		
BMFont		BMFont License		
DevIL Image Library		LGPLv2.1		
DotNetZip Library		Microsoft Public License (Ms-PL)		
Extended WPF Toolkit		Microsoft Public License (Ms-PL)		
EPPlus Library		LGPLv2.1		
Free Type Engine		Freetype Project License		
GLEW Library		MIT License		

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

Google Test		BSD 3-Clause License		
GraphSharp		Apache 2.0 License		
HarfBuzz Text Shaping Engine / UCDN - Unicode Database and Normalization		HarfBuzz / UCDN License		
ICU		ICU License		
json-cpp JSON reader and writer in C++		Json-cpp License		
Libbtx		Libbtx License		
Libunibreak Library		Libunibreak License		
Log4Net		Apache 2.0 License		
Median Cut algorithm (C Plus Plus)		Creative Commons CC0 1.0 Universal		
Microsoft Unity Container		Microsoft Public License (Ms-PL)		
NCalc		MIT License.		
NEUQUANT Neural-Net quantization algorithm		NEUQUANT Neural-Net quantization algorithm license		
OpenGL ES		OpenGL Licensing Programs		
Prism (Composite Application Guidance for WPF and Silverlight)		Microsoft Public License (Ms-PL)		
RLAD Compression		RLAD Compression license		
SharpSvn (Subversion Client API for .Net)		Apache 2.0 License		
Unicode.org Bidi Reference Implementation		Unicode Inc. License Agreement		
WPF PropertyGrid Control		Apache 2.0 License		
Xerces-C++ XML Parser		Apache 2.0 License		
ZLIB Data Compression Library		ZLIB Data Compression Library License Agreement		

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

### 3.5.Supplier : Escript

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

### 3.6.Supplier : LG Innotek

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

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

applypatch	Android4.4	BSD-2-Clause AND Apache-2.0	ml <a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Drown Copyright (C) 2009 The Android Open Source Project
aprd	Android4.4	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
atrace	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
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
autotest	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012,2014 The Android Open Source Project
bluedroid	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1999-2012 Broadcom Corporation
bmgr	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
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
busybox	1.17.1	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1998-2009 Erik Andersen, Rob Landley, Denys Vlasenko and others
common_time	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2011-2012 The Android Open Source Project
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
connectivity manager	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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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.
debuggerd	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005-2008, 2011-2012 The Android Open Source Project
dhcp6	Android4.4	BSD-3-Clause AND ISC AND BSD-4-Clause-UC AND Apache-2.0	<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 Roy Marples <roy@marples.name> All rights reserved Copyright (c) 2004,2007 by Internet Systems Consortium, Inc. ("ISC") Copyright (c) 1996-2003 by Internet Software Consortium Copyright 2011, The Android Open Source Project
dnsmasq	2.51	GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2000-2009 Simon Kelley

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drmsrver	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
dumpsys	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
e2fsprogs	1.41.14	GPL-2.0-or-later AND LGPL-2.0-or-later AND BSD-3-Clause AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o. Copyright 1990, 1991, 1992 Free Software Foundation, Inc. Written May 1989 by Mike Haertel. Copyright (C) 1985-2005 by the Massachusetts Institute of Technology. All rights reserved. Copyright (C) 1996-1999,2003,2007 Theodore Ts'o. Copyright 1999 Andreas Dilger (adilger@enel.ucalgary.ca) Copyright (c) 1988 Regents of the University of California. All rights reserved.

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expat	2.1	MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
factorytest	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2006,2007,2014 The Android Open Source Project Copyright (C) 2014 The CyanogenMod Project
filterfw	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
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 ©

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				2007, Google Corporation.RegularAscender - Droid SansVersion 1.00 copyright Google 2013 Google:Roboto: 2013Roboto RegularVersion 1.200310
framework-native-data	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2006-2013 The Android Open Source Project
freetype	2.4.2	FTL AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg Copyright (C) 2000, 2001, 2002 by Francesco Zappa Nardelli
gcc-demangle	4.6	GPL-2.0-or-later AND LGPL-2.0-or-later	<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) 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
harfbuzz_ng	0.9.14	MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright ©

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				2009 Martin Hosken and SIL International Copyright © 2007 Chris Wilson Copyright © 2006 Behdad Esfahbod Copyright © 2005 David Turner Copyright © 2004,2007,2008,2009,2010 Red Hat, Inc. Copyright © 1998-2004 David Turner and Werner Lemberg Copyright (C) 2012 Grigori Goronzy <greg@kinoho.net>
healthd	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
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.
ime	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
input	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
iosnoop.sh	Android4.4	GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	COPYRIGHT: Copyright (c) 2014 Brendan Gregg.
iotat	Android4.4	Apache-2.0 AND GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2006,2007 The Android Open Source Project

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				Copyright (C) 2012 Spreadtrum Communications Inc.
iproute2	ss120521	GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Alexey Kuznetsov, <kuznet@ms2.inr.ac.ru> Copyright (C)2004,2006-2007 USAGI/WIDE Project
ipsec-tools (racoon)	0.7.3	BSD-3-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1995-2003 WIDE Project. Copyright (C) 2004-2006 Emmanuel Dreyfus All rights reserved. Copyright (C) 2004 SuSE Linux AG, Nuernberg, Germany. Contributed by: Michal Ludvig <mludvig@suse.cz>, SUSE Labs All rights reserved. Copyright 2000 Wasabi Systems, Inc. All rights reserved. Copyright (C) 2005 International Business Machines Corporation Copyright (c) 2005 by Trusted Computer Solutions, Inc. All rights reserved. Copyright 2000 Aaron D. Gifford. All rights reserved.

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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@gnumonks.org> Jozsef Kadlecsek <kadlec@blackhole.kfki.hu> Copyright © Jan Engelhardt, 2011
iputils	s20121221	GPL-2.0-or-later AND BSD-4-Clause-UC	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	opyright (c) 1989 The Regents of the University of California. All rights reserved. This code is derived from software contributed to Berkeley by Mike Muuss. Copyright (c) 1983, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved. This code is derived from software contributed to Berkeley by Van

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

iwnpi	Android4.4	MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Jacobson. Copyright (c) 2007, 2008 Johannes Berg Copyright (c) 2007 Andy Lutomirski Copyright (c) 2007 Mike Kershaw Copyright (c) 2008-2009 Luis R. Rodriguez Copyright (c) 2013 Wenjie Zhang Copyright (c) 2014 Huiquan Zhou
jpeg	Android4.4	BSD-3-Clause AND IJG AND Apache-2.0 AND Zlib	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009-2011 Nokia Corporation and/or its subsidiary(-ies). All rights reserved. Contact: Alexander Bokovoy <alexander.bokovoy@nokia.com> Copyright (C) 2007-2008,2010-2011 The Android Open Source Project Copyright (C) 2010-2011 Intel Corporation
Kernel	4.4	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1989, 1991 Free Software Foundation, Inc.
keystore	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008-2009, 2011-2013 The Android Open Source Project
keystore-engine	Android4.4	BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2012-2013 The Android Open

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				Source Project
libandroid	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009, 2010 The Android Open Source Project
libandroid_servers	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
libandroidfw	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
libanroid_run_time	Android4.4	BSD-3-Clause AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2011-2012 Google Inc. All rights reserved. Copyright 2011, The Android Open Source Project Copyright (C) 2005-2013 The Android Open Source Project
libbinder	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005-2009,2013 The Android Open Source Project
libbt	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009-2012 Broadcom Corporation
libbt-client-api	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009-2011 Broadcom Corporation
libc	Android4.4	BSD-3-Clause AND BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008-2009,2011-2013 The Android Open Source Project. All rights reserved. Copyright (c) 2010-2013, Linaro Limited All rights reserved.
libc	Android4.4	BSD-3-Clause AND BSD-4-Clause-UC	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2010, 2011 Intel Corporation

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libc_malloc_debug_leak	Android4.4	BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008,2012 The Android Open Source Project All rights reserved.
libc_malloc_debug_qemu	Android4.4	BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009 The Android Open Source Project All rights reserved.
libcamera	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2011-2013 The Android Open Source Project
libcameraservice	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2012-2013 The Android Open Source Project
libcorkscrew	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
libctest	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
libcutils	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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libeffects	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2013 The Android Open Source Project
libfuse	Android4.4	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 Spreadtrum Communications Inc.

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libFmRecordHal	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
libgui	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2007-2008,2010-2013 The Android Open Source Project
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libion	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2011 Google, Inc
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libbaio	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012-2013 The Android Open Source Project
libnetutils	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
libnfc-nxp	1.1	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2010 NXP Semiconductors
libnl	2	LGPL-2.0-only AND GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2003-2009 Thomas Graf <tgraf@suug.ch>
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libsparse	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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libssl	1.1.0i	OpenSSL	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2002-2013, Jouni Malinen <j@w1.fi> and contributors All Rights Reserved. Generic advertisement service (GAS) server Copyright (c) 2008-2012, Qualcomm Atheros, Inc. Copyright (c) 2004, Sam Leffler <sam@errno.com> * Copyright 1995-2018 The OpenSSL Project Authors. All Rights Reserved. Copyright 2002 Sun Microsystems, Inc
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libstagefright hw	Android4.4	MIT AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2008,2010 The Khronos Group Inc. Copyright (C) 1998-2009 PacketVideo
libstdc++	Android4.4	BSD-2-Clause AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1994 Hewlett-Packard Company Copyright (c) 1996,1997 Silicon Graphics

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				Computer Systems, Inc.
libsuspend	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
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
libsysutils	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
libui	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
libusbhost	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
libutils	Android4.4	BSD-2-Clause AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2012, The Android Open Source Project Copyright (c) 2005-2008, 2011-2012 The Android Open Source Project
libvideoeditor	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2011 The Android Open Source Project
lights	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
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
logwrapper	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
mdnsresponder	320.10.80	Apache-2.0 AND BSD-3-Clause AND OpenSSL	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1997-2006 Apple Computer, Inc. All rights reserved.

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media	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
medialog	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
mediaserver	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2005-2008,2013 The Android Open Source Project
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 <charlesc-memtester@pyropus.ca>
misc_ctl	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
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:
mtp	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
mtpd	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
netcfg	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
netd	1.4.20	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005, 2007-2008, 2010-2013 The Android Open Source Project
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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>	
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
ril	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2013 The Android Open Source Project
rild	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
run-as	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c)

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			droid.com/index.html	2005-2008, 2010 The Android Open Source Project
schedtest	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2008 The Android Open Source Project
sdcard	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project
sensorservice	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2010-2012, The Android Open Source Project
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smart_amp	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012-2015, The Linux Foundation. All rights reserved.
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				Bormann, Technische Universitaet Berlin
sqlite	3.7.11	Public-domain	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
srec	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	These files are Copyright 2007, 2008 Nuance Communications, but released under the Apache2 License.
stlport	5	AFL-3.0 AND BSD-2-Clause AND Apache-2.0 AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 1994 Hewlett-Packard Company Copyright 1996,97 Silicon Graphics Computer Systems, Inc. Copyright 1997 Moscow Center for SPARC Technology.
svc	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2008, The Android Open Source Project
system-extras	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
system-media	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011-2014 The Android Open Source Project
system-vold	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2007-2008, 2010-2013 The Android Open Source Project
tinyalsa	Android4.4	BSD-3-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2011,2012 The Android Open Source Project
toolbox	Android4.4	BSD-2-Clause AND BSD-3-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1988-1989,1991,1993 , 1994 The Regents of the

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				University of California. All rights reserved. Copyright (c) 2008-2010, 2012-2013 The Android Open Source Project All rights reserved. Copyright (c) 1998-1999 Robert Nordier All rights reserved. Copyright (c) 1999 James Howard and Dag-Erling Copyright (C) 2008-2010 Gabor Kovesdan <gabor@FreeBSD.org> All rights reserved. Copyright (C) 2010 Dimitry Andric <dimitry@andric.com> All rights reserved.
tremolo	0.07	BSD-3-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2002-2009, Xiph.org Foundation Copyright (C) 2010, Robin Watts for Pinknoise Productions Ltd All rights reserved.
u-boot15	2015.07-gd46d0cf	GPL-2.0-or-later	<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)

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			droid.com/index.html	2012 The Android Open Source Project
vb_pga	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
volte (VideoCall)	Android4.4	Apache-2.0 AND MIT	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project Copyright 2004-2006 Aaron Voisine <aaron@voisine.org>
watchdogd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
webrtc	Android4.4	BSD-3-Clause AND BSL-1.0 AND MIT	http://developer.android.com/index.html	Copyright (c) 2011 The Chromium Authors. All rights reserved. Copyright (c) 2011 The WebRTC project authors. All Rights Reserved.
wpa_supplicant_8	Android4.4	BSD-3-Clause AND MIT	http://developer.android.com/index.html	Copyright (c) 2002-2013, Jouni Malinen <j@w1.fi> and contributors All Rights Reserved.
zlib	1.2.8	Zlib	http://developer.android.com/index.html	(C) 1995-2013 Jean-loup Gailly and Mark Adler

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Supplier:Neusoft				
Component	Version	License	Home Page	Copyright
Attr	2.4.47	GNU	http://savannah.nongnu.org/projects/attr	

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		Lesser General Public License v2.1 or later		
AutoOpts	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts">https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts</a>	
barebox	2016.05.0	GNU General Public License v2.0 or later	<a href="http://github.com/RobertCNelson/barebox/">http://github.com/RobertCNelson/barebox/</a>	
Berkeley	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://www.berkeley.edu/">http://www.berkeley.edu/</a>	
Berkeley_test	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://www.berkeley.edu/">http://www.berkeley.edu/</a>	
bison	3.0.2, 2.5	GNU General Public License v3.0 or later with Bison exception 2.2	<a href="http://savannah.gnu.org/projects/bison/">http://savannah.gnu.org/projects/bison/</a>	
Bob Jenkins - Hashing	Unspecified	Public Domain	<a href="http://www.burtleburtle.net/bob/index.html">http://www.burtleburtle.net/bob/index.html</a>	
Boost C++ Libraries - boost	1.59.0	Boost Software License 1.0	<a href="http://boost.org/">http://boost.org/</a>	
BusyBox	1.24.1, 1.23.2	GNU General Public License	<a href="http://www.busybox.net">http://www.busybox.net</a>	

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		v2.0 or later		
Bzip2	1.0.6	Bzip2 License	<a href="http://www.bzip.org/">http://www.bzip.org/</a>	
CANUTIL	4.0.6	GNU General Public License v2.0 or later	<a href="http://www.pengutronix.de/software/socket-can/download/canutils/v4.0/">http://www.pengutronix.de/software/socket-can/download/canutils/v4.0/</a>	
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>	
D-Bus	1.10.2	Academic Free License v2.1	<a href="http://www.freedesktop.org/wiki/IntroductionToDBus">http://www.freedesktop.org/wiki/IntroductionToDBus</a>	
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>	
dt-utils	dt-utils_test	GNU General Public License v2.0 or later	<a href="http://www.pengutronix.de/">http://www.pengutronix.de/</a>	
eCryptfs - ecryptfs-userspace	108	GNU General Public License v2.0 or later	<a href="http://sourceforge.net/projects/ecryptfs/">http://sourceforge.net/projects/ecryptfs/</a>	
eudev	Unspecified	GNU General Public License v2.0 or	<a href="http://github.com/gentoo/eudev/">http://github.com/gentoo/eudev/</a>	

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		later		
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>	
gensheloapt	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 v2.0 or later	<a href="http://gmplib.org/">http://gmplib.org/</a>	
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>	

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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>	
Gstreamer	0.10.36	GNU Library General Public License v2 or later	<a href="http://gstreamer.freedesktop.org/modules/">http://gstreamer.freedesktop.org/modules/</a>	
GSTREAMER PLUGINS-BASE	0.10.36	GNU Lesser General Public License v2.1 or later	<a href="http://gstreamer.freedesktop.org/src/gst-plugins-base/">http://gstreamer.freedesktop.org/src/gst-plugins-base/</a>	
hostapd - IEEE 802.11 AP & IEEE 802.1X/WPA/WPA2/EAP/RADIUS Authenticator	2.5	BSD 3-clause "New" or "Revised" License	<a href="http://hostap.epitest.fi/hostapd/">http://hostap.epitest.fi/hostapd/</a>	
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>	

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IDEA_FUNCTION	Unspecified	MIT v2 with Ad Clause License	<a href="https://github.com/ShiftMediaProject/libgcript/tree/master/cipher">https://github.com/ShiftMediaProject/libgcript/tree/master/cipher</a>	
imx_usb_loader	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://github.com/boundarydevices/imx_usb_loader/">http://github.com/boundarydevices/imx_usb_loader/</a>	
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>	
Iperf	2.0.5	Iperf License	<a href="http://sourceforge.net/projects/iperf/">http://sourceforge.net/projects/iperf/</a>	
IPTables	1.4.21	GNU General Public License v2.0 or later	<a href="http://www.netfilter.org/">http://www.netfilter.org/</a>	
ISC DHCP	4.1.2	ISC License	<a href="http://www.isc.org/software/dhcp/">http://www.isc.org/software/dhcp/</a>	
iw-ct	3.14	ISC License	<a href="http://github.com/greearb/iw-ct/">http://github.com/greearb/iw-ct/</a>	
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/lucasdemarchi/kmod">https://github.com/lucasdemarchi/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 Softwar		

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		e License 1.0		
libbtserviceapi	Unspecified	Unspecified		
libbtserviceapi	Unspecified	Robert Bosch Proprietary		
libetrace	Unspecified	Robert Bosch Proprietary		
libffi	3.2.1	Libffi License	<a href="http://sourceware.org/libffi/">http://sourceware.org/libffi/</a>	
libgcrypt	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://www.gnupg.org">http://www.gnupg.org</a>	
libgcrypt_GPL	1.7.6	GNU General Public License v2.0 or later	<a href="https://github.com/ShiftMediaProject/libgcrypt/tree/libgcrypt-1.7.6">https://github.com/ShiftMediaProject/libgcrypt/tree/libgcrypt-1.7.6</a>	
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	<a href="https://github.com/karelzak/util-linux/tree/master/libmount">https://github.com/karelzak/util-linux/tree/master/libmount</a>	

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		v2.1 or later		
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 Public License v2.0 or later	<a href="http://www.netfilter.org/projects/libnftnl/">http://www.netfilter.org/projects/libnftnl/</a>	
libnl - Netlink Library	3.2.25	GNU Lesser General Public License v2.1 or later	<a href="http://www.infradead.org/~tgr/libnl/">http://www.infradead.org/~tgr/libnl/</a>	
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	<a href="http://www.gnu.org/software/libtasn1/">http://www.gnu.org/software/libtasn1/</a>	

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

libtopas_test	Unspecified	later Robert Bosch Proprietary		
libtopasapidtsi	Unspecified	Robert Bosch Proprietary		
libusb	1.0.18	GNU Lesser General Public License v2.1 or later	<a href="http://sourceforge.net/projects/libusb/">http://sourceforge.net/projects/libusb/</a>	
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>	
libvehiclenetwork	Unspecified	Robert Bosch Proprietary		
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/log4cplus/">http://sourceforge.net/projects/log4cplus/</a>	
Logging Framework for C++	1.1.2	Apache License 2.0	<a href="http://sourceforge.net/projects/log4cplus/">http://sourceforge.net/projects/log4cplus/</a>	

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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>	
ltmain.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 License v2 or later	<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>	
OpenSSH	7.1p2	BSD 2-clause "Simplified" License	<a href="http://www.openssh.com/portable.html">http://www.openssh.com/portable.html</a>	
OpenSSL	1.0.2e	OpenS	<a href="http://www.openssl.org/">http://www.openssl.org/</a>	

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

		SL Combin ed License		
opkg	0.3.0	GNU Genera l 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>	
PCSC Lite	Unspecif ied	BSD 3- clause "New" or "Revis ed" License	<a href="http://pcsclite.alioth.debian.org/">http://pcsclite.alioth.debian.org/</a>	
Popt	1.15	X11 License	<a href="http://freshmeat.net/projects/popt/">http://freshmeat.net/projects/popt/</a>	
ppp - Pauls PPP Package	Unspecif ied	GNU Genera l Public License v2.0 or later	<a href="http://ppp.samba.org/ppp/index.html">http://ppp.samba.org/ppp/index.html</a>	
ppp - Pauls PPP Package	2.4.7	GNU Genera l Public License v2.0 or later	<a href="https://ppp.samba.org/index.html">https://ppp.samba.org/index.html</a>	
protobuf	2.5.0	BSD 3- clause "New" or "Revis ed" License	<a href="http://code.google.com/p/protobuf/">http://code.google.com/p/protobuf/</a>	
ReadLine Front-End	Unspecif ied	GNU Genera l Public License v2.0 or later	<a href="https://github.com/issuu/readline/tree/master/examples/rlfe">https://github.com/issuu/readline/tree/master/exa mples/rlfe</a>	
rsync	2.6.9	GNU Genera l 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-	<a href="http://sourceforge.net/projects/strace/">http://sourceforge.net/projects/strace/</a>	

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		clause "New" or "Revised" License		
siphash	Unspecified	Public Domain	<a href="http://github.com/dchest/siphash/">http://github.com/dchest/siphash/</a>	
smhasher	3090200	Public Domain	<a href="http://code.google.com/p/smhasher/">http://code.google.com/p/smhasher/</a>	
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>	
Tiny Asynchronous DNS lookup library	Unspecified	Beerware License	<a href="http://sourceforge.net/projects/adns/">http://sourceforge.net/projects/adns/</a>	
TLSF	1.9	Public Domain	<a href="http://tlsf.baisoku.org">http://tlsf.baisoku.org</a>	
UBIFS	Unspecified	GNU General Public License v2.0 or later	<a href="http://www.linux-mtd.infradead.org/doc/ubifs.html">http://www.linux-mtd.infradead.org/doc/ubifs.html</a>	
uClibc - A C Library for Embedded Linux	0.9.30.3	GNU Lesser General Public License v2.1 or later	<a href="http://www.uclibc.org/">http://www.uclibc.org/</a>	
USB Utils	007	GNU General Public License v2.0 or later	<a href="https://www.kernel.org/pub/linux/utils/usb/usbutils/">https://www.kernel.org/pub/linux/utils/usb/usbutils/</a>	
USB-DFU	1.0	GNU General Public License v2.0 or	<a href="http://www.usb.org/home">http://www.usb.org/home</a>	

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

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### 3.8.Supplier: Nuance

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

### 3.9.Supplier : OMRON

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

### 3.10.Supplier : Real\_VNC\_3\_2

Supplier: Real_VNC_3_2				
Component name	Version	License	Homepage	Copyright
aclocal and pkg.m4	aclocal 1.11.1	Free Software Foundation - MIT Style License GPL2.0+ with Autoconf exception		Copyright © 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 FreeSoftware Foundation, Inc. Copyright © 2004 Scott James Remnant <scott@netsplit.com>.
AES		Brian Gladman 3-Clause License or GPL		Copyright © 2003 Dr Brian Gladman, Worcester, UK.
Android Support Libraries	19.0.0	Apache License 2.0		Copyright (c) 2005-2008, The Android Open Source Project
ath9k_faf1dc64_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		Copyright © 2007 Cameron Rich. See section 7.7.1

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		"Revised" License		
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.
expat	2.0.1	MIT License		Copyright © 1998,1999, 2000 Thai Open Source Software center Ltd and Clark Cooper. Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
ExtractMpegFramesTest.java		Apache License 2.0	<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

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keysymdef		MIT open group variant license Digital equipment license	/main/28	Burk 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
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

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

				<p>&lt;hjelmn@users.sourceforge.net&gt;            Copyright © 2009-2012            Pete Batard            &lt;pete@akeo.ie&gt;            Copyright © 2010-2012            Michael Plante            &lt;michael.plante@gmail.com&gt;            Copyright © 2011-2012            Hans de Goede            &lt;hdegoede@redhat.com&gt;            Copyright © 2012 Martin            Pieuchot            &lt;mpi@openbsd.org&gt;            Copyright (C) 1994, 1995,            1996, 1999, 2000, 2001,            2002, 2004, 2005, 2006            Free Software Foundation,            Inc.</p>
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		Copyright © 1998-2011 The OpenSSL Project.

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		Project license		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 BSP 1.6 (Daisy)	MIT license		Copyright © 2012-2014 Otavio Salvador.
Qt libraries	ARM builds: 4.7.1. Non-ARM builds: 4.6.2.	GNU Lesser General Public License v2.1 or later		Copyright © 2009-2011 Nokia Corporation and/or its subsidiary(-ies). Nokia, Qt and their respective logos are trademarks of Nokia Corporation in Finland and/or other countries worldwide.
SHA	38969	Dr Brian Gladman license Cameron Rich license		Copyright © 2002 Dr Brian Gladman, Worcester, UK
wpa_supplicant	2.3	BSD 3-Clause "New" or "Revised" License		Copyright © 2002-2014 Jouni Malinen and contributors.
X Windows	XFree86 1.9	The Open group license Digital Equipment cooperation license Digital Equipment 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

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

Zlib	1.2.3	Zlib license	Adler. See section 7.1.2. Copyright © 1995-2005 Jean-Loup Gailly and Mark Adler.
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### 3.11.Supplier : Redbend\_SWM

<b>Supplier: Redbend SWM</b>				
<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>	
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	<a href="http://www.mirrors.wiretapped.net/security">http://www.mirrors.wiretapped.net/security</a>	

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		Domain	y/cryptography/hash es/sha1	
SyncML C Toolkit	4.0.3	SyncML License	http://sourceforge.net/projects/syncmlctoolkit/	

### 3.12. Supplier : Redbend

<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	http://www.7-zip.org/sdk.html	
7 Zip - LZMA SDK	4.01	Public Domain.	http://sourceforge.net/projects/sevenzip/	
Android - platform - bootable - recovery	4.2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - system - core	4.2	Apache License 2.0	http://developer.android.com/index.html	
bsdiff	4.3	BSDiff license	http://github.com/geraldonetto/bsdiff/	
CMarkup	11.05	Acquired CMarkup Developer License	http://www.firstobject.com/dn_markup.htm	
CRC table (Autogen)	Has no version number	Public Domain	http://en.wikipedia.org/wiki/Cyclic_redundancy_check	
Filesystem in Userspace	2.8.5	BSD 2-clause "Simplified" License	http://sourceforge.net/projects/fuse/	
Filesystem in Userspace	2.9.3	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/fuse/	
FreeBSD	2.2.2	BSD 4-clause "Original" or "Old" License	http://www.freebsd.org	
Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56xx	2.10 special edition	Commercial license		
GNU C Library - glibc	2.2.4	GNU Lesser General	http://www.gnu.org/software/libc/libc.html	

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		Public License v2.1 or later		
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>	
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>	

### 3.13.Supplier : Teseo

Supplier: Teseo				
Component name	Version	License	Homepage	Copyright
FATFS				

### 3.14.Supplier : SK\_telecom

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	<a href="http://www.alsa-project.org/">http://www.alsa-project.org/</a>	

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		License v2.1 or later		
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 (CPO) 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
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	<a href="http://opus-codec.org">http://opus-codec.org</a>	Copyright (c) 2007-2008 CSIRO

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		"Revised" License		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>	

### 3.15. Node Modules Components

Sl. No.	Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	More Information
1	Acl	2.2.53-4co1bv2019.0b1	<b>LGPL-2.1+</b> <u>Other licenses:</u> FSF Public-domain X11 GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception	Copyright © 2011 Andreas Gruenbacher Copyright 1992-2018 Free Software Foundation, Inc. Copyright © 2018 Silicon Graphics, Inc.

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2.	Aperti spro- archiv e- keyrin g	0.2rb1bv2 020.0b1	<b>GPL-2.0+</b>	Copyright: 2012 RBEI Ltd.
3.	Appar mor	2.13.2- 10co2bv2 020preb3	<b>GPL-2.0</b> <u>Other licenses:</u> LGPL-2.1 Public-domain X11 MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause	Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c) 1999, 2000, 2001, 2002, 2003 2004, 2005, 2006, 2007 NOVELL (All rights reserved) Copyright (C) 2013 Kshitij Gupta Copyright (C) 2009 John Dong Copyright (C) 2009 Dulmandakh Sukhbaatar Copyright (C) 2007 Andreas Gruenbacher Copyright (C) 2006 Volker Kuhlmann Copyright (C) 2006 SuSE Linux Products GmbH, Nuernberg Copyright (C) 1994 X Consortium Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
4.	Attr	2.4.48- 4co1bv20 19.0b1	<b>LGPL-2.1+</b> <u>Other licenses:</u> GPL-2.0+ FSF Public-domain X11	Copyright (C) 2007 Andreas Gruenbacher <a.gruenbacher@computer.org> Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2001-2003,2005 Silicon Graphics, Inc. All Rights Reserved. Copyright (C) 2015 Dmitry V. Levin Copyright (C) 2008 Petr Pisar Copyright (C) 2007 Antonio Trueba Copyright (C) 2005 Guilhelm Panaget Copyright (C) 2004-2015 Free Software Foundation, Inc. Copyright (C) 2004, 2005 Jakub Bogusz Copyright (C) 2004 Luk Claes Copyright (C) 1994 X Consortium Copyright (C) 1995-1997, 2000-2007, 2009- 2010 by Ulrich Drepper
5.	Audit	2.8.4- 3bv2020p reb2	<b>GPL-2.0 only</b> <b>LGPL-2.1 only</b> <u>Other licenses:</u> X11 Public-domain	<b>Dual License - GPI v2 or later &amp; BSD - 2            Clause</b>  Copyright 2014,2016,2017 Red Hat Inc., Durham, North Carolina.

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7.	base-passwd	3.5.46co1bv2019.0b1	<b>GPL-2.0+</b> <u>Other licenses:</u> GPL-2.0	Copyright: Copyright 1999-2002 Wichert Akkerman Copyright 2007 David Mandelberg Copyright 2002, 2003, 2004, 2005, 2007 Colin Watson Copyright 2002, 2003, 2004 Colin Watson Copyright 2001, 2002 Joey Hess Copyright (C) of this file 2014 Chris Leick Copyright (C) Helge Kreutzmann. Copyright (C) 2010 Software in the Public Interest Copyright (C) 2010 Free Software Foundation, Inc. Copyright (C) 2004 Nicolas FRANCOIS
8.	Coreutils	6.9-0co11ba1	<b>GPL-2.0+</b> <u>Other licenses:</u> Public-domain GPL V2 or later with autoconf exception GPL-2.0 BSD-3-Clause GFDL-1.2 ISC FSF X11 LGPL-2.1+ GPL V2 or later with bison exception GPL V2 or later with texinfo exception FSFUL	Copyright 1991-2004 Miquel van Smoorenburg Copyright 1989, 1991-2016 Free Software Foundation, Inc. Copyright (c) 1996-1999 by Internet Software Consortium. Copyright (c) 1990, 1993, 1994 The Regents of the University of California. All rights reserved. Copyright (C) 2004, 2006 Simon Josefsson Copyright (C) 2000-2005 Pavel Roskin; Initially written by Tom Tromey Completely rewritten by Pavel Roskin Copyright (C) 1997, 1998, 1999 Colin Plumb. Copyright (C) 1995-1997, 2000-2006 by

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12.	Diffutils-gplv2	2:2.8.1-18co3bb1	<b>GPL-2.0+</b> <u>Other licenses:</u> LGPL-2.0+ NTP GPL V3 or later with autoconf exception GPL V2 or later with autoconf exception	Copyright I 1997-1998, 2006-2007, 2009-2017 Free Software Foundation, Inc. Copyright I 1996,1999 by Internet Software Consortium. Copyright I 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper Copyright I 1994 X Consortium Copyright I 1990-2005, 2007-2009 Acme, Inc.
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14.	e2fsprogs	1.44.5-1+deb10u3bv2020.0b1	<b>GPL-2.0+</b> <b>LGPL-2.0+</b> <u>Other licenses:</u> NTP BSD-3-Clause	Copyright (C) 1996, 1997 Theodore Ts'o. Copyright (C) 1993, 1994 Remy Card Copyright 1987, 1988 by MIT Student Information Processing Board Copyright 1999 Andreas Dilger

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17.	Gcc-8	8.3.0-6bv2019.0b1	<b>GPL-3.0+-with-GCC-exception</b> <u>Other licenses:</u> BSD-3-Clause MIT LGPL-2.1+ GPL-2.0+  BSD-1-Clause FSFAP ISC BSL-1.0 Freeware NCSA BSD-2-Clause BSD-4-Clause-UC LGPL-2.0+ Public-domain BSD-2-Clause-NetBSD Zlib GFDL-1.3	<b>Dual license - GPL-2.0+ &amp; LGPL-2.1+</b>  Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Xinliang David Li Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Wolfgang Gellerich (gellerich@de.ibm.com). Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Thomas Koenig, based on unpack_generic.c by Paul Brook Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Thomas Koenig based on spread_generic.c written by Paul Brook Copyright (C) 2008-2018 Free Software Foundation, Inc. Contributed by Thomas Koenig Copyright (C) 2008-2018 Free Software

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

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Preamble

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##### A. HISTORY OF THE SOFTWARE

=====

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

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same

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

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

Footnotes:

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GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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Modified files

07/11/2019 Patched "(URL : <https://github.com/bdarnell/tornado/tree/cython>)" by OBIGO

- gen.py           Fix coroutines in cython-compiled code
- gen\_test.py     Add a compiler directive to get gen\_test (mostly) working when cythonized
- options.py       Work around cython incompatibilities in options.py
- options\_test.py  Work around cython incompatibilities in options.py
- util.py          Make ArgReplacer compatible with cython.
- web\_test.py     Also cythonize as many of the tests as possible.

#### **4.106.zlib license**

zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.4, March 14th, 2010

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Jean-loup Gailly

## **5 Supplier: Obigo Component**

### **5.1. vuejs-2.4**

Description: Vue is a progressive framework for building user interfaces

Available under the license: MIT License

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### **5.2 vux-0.1.3**

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

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### **5.3 es6-promise-3.3**

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

Available under the license: MIT License

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### **5.4 Quasar framework – 0.5**

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

Available under the license: MIT License

Copyright (c): 2015-present Razvan Stoenescu

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### **5.5 tween.js – 16.6**

Description: JavaScript tweening engine for easy animations

Available under the license: MIT License

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

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### **5.6 iScroll – 5**

Description: iScroll is a multi-platform javascript scroller

Available under the license: MIT License

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### **5.7 array-filter -1.0.0**

Description: Array#filter for older browsers

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### **5.8 array-find -1.0.0**

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

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### **5.9 array-from -1.0.0**

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

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Copyright (c): Studio B12 GmbH

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### **5.10 array-map -0.0.0**

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

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### **5.11 array-shuffle - 1.0.0**

Description: Randomize the order of items in an array

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

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### **5.12 countup-1.6.1**

Description: Animates a numerical value by counting to it

Available under the license: MIT License

Copyright (c): Jamie Perkins

Terms and Conditions: Refer Section 2.3

### **5.13 object-assign-4.1.0**

Description: ES2015 `Object.assign()` ponyfill

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.14 photoswipe-4.1**

Description: JavaScript image gallery for mobile and desktop

Available under the license: MIT License

Copyright (c): Dmitry Semenov

Terms and Conditions: Refer Section 2.3

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### **5.15 shake.js-1.2.2**

Description: Deployment tool for node

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.16 validator – 5.1.0**

Description: A library of string validators and sanitizers.

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.17 webp-support -1.0.3**

Description: Webp Support 1.0.3 Package

Available under the license: MIT License

Copyright (c): 2016-present, Airyland

Terms and Conditions: Refer Section 2.3

### **5.18 HTML Parser**

Description: A Simple HTML Parser

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

Copyright (c): 2004 Erik Arvidsson

Terms and Conditions: Refer Section 2.4, 2.6

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### **5.19 acrchiver – 2.1.1**

Description: a streaming interface for archive generation

Available under the license: MIT License

Copyright (c): 2012-2014 Chris Talkington

Terms and Conditions: Refer Section 2.3

### **5.20 async – 2.6.3**

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

Available under the license: MIT License

Copyright (c): 2010-2018 Caolan McMahon

Terms and Conditions: Refer Section 2.3

### **5.21 bluebird – 3.5.5**

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

Available under the license: MIT License

Copyright (c): 2013-2018 Petka Antonov

Terms and Conditions: Refer Section 2.3 **6.22 cross-npm-spawn-1.1.1**

Description: Cross-platform NPM spawn

Available under the license: MIT License

Copyright (c): 2016 Leeroy Brun

Terms and Conditions: Refer Section 2.3

### **5.23 extract-zip- 1.7.0**

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

Available under the license: BSD-2-Clause License

Copyright (c): 2014 Max Ogden

Terms and Conditions: Refer Section 2.8

### **5.24 fs-extra – 2.1.2**

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

Available under the license: MIT License

Copyright (c): 2011-2017 JP Richardson

Terms and Conditions: Refer Section 2.3

### **5.25 iconv-lite – 0.4.24**

Description: Convert character encodings in pure javascript.

Available under the license: MIT License

Copyright (c): 2011 Alexander Shtuchkin

Terms and Conditions: Refer Section 2.3

### **5.26 is-online – 7.0.0**

Description: Check if the internet connection is up

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

### **5.27 json-rpc2 – 1.0.2**

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

Available under the license: MIT License

Copyright (c): 2009 Eric Florenzano, Ryan Tomayko

Terms and Conditions: Refer Section 2.3

### **5.28 lodash – 4.17.15**

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

Available under the license: MIT License

Copyright (c): JS Foundation

Terms and Conditions: Refer Section 2.3

### **5.29 progress-stream – 2.0.0**

Description: Read the progress of a stream

Available under the license: BSD-2-Clause License

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

Terms and Conditions: Refer Section 2.8

### **5.30 scp2-0.5.0**

Description: A pure javascript scp program based on ssh2

Available under the license: MIT License

Copyright (c): 2013 Hsiaoming Yang

Terms and Conditions: Refer Section 2.3

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### **5.31 ssh2 – 0.5.5**

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

Available under the license: MIT License

Copyright (c): Brian White

Terms and Conditions: Refer Section 2.3

### **5.32 sshpk – 1.16.1**

Description: A library for finding and using SSH public keyss

Available under the license: MIT License

Copyright (c): Joyent, Inc

Terms and Conditions: Refer Section 2.3

### **5.33 targz – 1.0.1**

Description: TarGz for NodeJS

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.34 vboxmanage.js – 1.0.6**

Description: A wrapper for VirtualBox CLI with Promises

Available under the license: MIT License

Copyright (c): 2016 Daniel Cohen Gindi

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
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Terms and Conditions: Refer Section 2.3

### **5.35 xml2js – 0.4.23**

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.36 requirejs – 2.1.1**

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

Available under the license: MIT License

Copyright (c): jQuery Foundation

Terms and Conditions: Refer Section 2.3

### **5.37 semver – 2.1.0**

Description: The semantic version parser used by npm

Available under the license: ISC License

Copyright (c): Isaac Z. Schlueter

Terms and Conditions: Refer Section 2.9

### **5.38 SlowAES – 0.1a1**

Description: Implementations of AES in pure scripting languages

Available under the license: Apache License

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
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Copyright (c): Josh Davis

Terms and Conditions: Refer Section 2.6

### **5.39 which – 1.0.5**

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

Available under the license: ISC License

Copyright (c): Isaac Z. Schlueter

Terms and Conditions: Refer Section 2.3

### **5.40 eventemitter2-1.0.0**

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

Available under the license: MIT License

Copyright (c): 2016 Paolo Fragomeni

Terms and Conditions: Refer Section 2.3

### **5.41 moment.js – 2.24.0**

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

Available under the license: MIT License

Copyright (c): JS Foundation

Terms and Conditions: Refer Section 2.3

### **5.42 bootstrap – 2.3.1**

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

Available under the license: MIT License

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

Copyright (c): 2011-2018 The Bootstrap Authors

Terms and Conditions: Refer Section 2.3

### **5.43 flexbuffers – 1.7.1**

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

Available under the license: Apache 2.0

Copyright (c):

Terms and Conditions: Refer Section 2.6

### **5.44 etch – 1.4.0**

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

Available under the license: Apache license, v2

Copyright (C) 2012 BMW Car IT GmbH

Terms and Conditions: Refer Section 2.6

### **5.45 CppSQLite -C++ Wrapper for SQLite – 3.2**

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

Available under the license: CPOL 1.02

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

Terms and Conditions: Refer Section 2.16

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#### **5.46 afl-fuzz-2.31b**

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 2.6

#### **5.47 android crazy linker**

Description: Fork of the Android NDK crazy linker.

Available under the license: BSD 3 License

Copyright (c): 2014 The Chromium Authors

Terms and Conditions: Refer 2.26

#### **5.48 platform\_system\_core**

Description: libsync helper library.

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer 2.6

#### **5.49 angle-master\_2014-10-03**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

### **5.50 Blink**

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

Available under the license: LGPL 2.1

Copyright (c): 2014 The Chromium Authors.

Terms and Conditions: Refer Section - 2.14

### **5.51 boringssl-master**

Description: This is BoringSSL, a fork of OpenSSL. See <https://www.imperialviolet.org/2014/06/20/boringssl.html>

Available under the license: BSD 3 License

Copyright (c):

Terms and Conditions: Refer Section - 2.22

### **5.52 breakpad-origin/chrome\_53**

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

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

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

Copyright (c): 2006, Google Inc.

Terms and Conditions: Refer Section 2.5, 2.24, 2.6

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

### **5.53 brotli-v0.4.0**

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.54 catapult-0.1.0-alpha-1**

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

Available under the license: BSD 3 License

Copyright (c): 2015 The Chromium Authors

Terms and Conditions: Refer Section 2.5

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

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 2.6

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

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

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 2.6

### **5.57 fontconfig-2.11.0**

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

Available under the license: MIT License

Copyright (c): 2012 Google, Inc.

Terms and Conditions: Refer Section 2.3

### **5.58 compact\_encoding\_detection**

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

Available under the license: Apache 2.0 License

Copyright (c): 2016 Google Inc.

Terms and Conditions: Refer Section 2.6

### **5.59 cld3-2f6624f0a6d6fd8f76bdcae38558c73d23ebec1e**

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

Available under the license: Apache 2.0 License

Copyright (c): 2016 Google Inc.

Terms and Conditions: Refer Section 2.6

### **5.60 coveragepy-coverage-4.0.3**

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

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Available under the license: Apache 2.0 License

Copyright (c): 2004-2015 Ned Batchelder.

Terms and Conditions: Refer Section 2.6

### **5.61 crashpad-electron-v1.6.12**

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 2.6

### **5.62 dmg\_fp-master\_2014-05-19**

Description: David M. Gay's floating point routines

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.27

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

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

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

Available under the license: Apache 2.0 License

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

Terms and Conditions: Refer Section 2.6

### **5.64 flac-1.3.1**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

### **5.65 flatbuffers-v1.2.0**

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

Available under the license: Apache 2.0 License

Copyright (c): 2014 Google Inc

Terms and Conditions: Refer Section 2.6

### **5.66 freetype2-VER-2-8-1**

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

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

Copyright (c):

Terms and Conditions: Refer Section - 2.12

### **5.67 glslang-GoogleGlsLang20160218**

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.28

### **5.68 googlemock-release-1.7.0**

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

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

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 2.5

### **5.69 googletest-release-1.7.0**

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

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

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 2.5

### **5.70 grpc-v1.4.7**

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

Available under the license: BSD 3 License

Copyright (c): 2015, Google Inc.

Terms and Conditions: Refer Section 2.5

### **5.71 harfbuzz-1.3.1**

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.29

### **5.72 iccjpeg-32.0.1700.102**

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

Original author is Tom Lane, from the IJG group.

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

Available under the license: Custom License

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

Terms and Conditions: Refer Section - 2.13

### **5.73 icu-release-56-1**

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

Available under the license: ICU license

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

Terms and Conditions: Refer Section 2.17

### **5.74 jsoncpp-svn-release-0.6.0-rc2**

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

Available under the license: MIT License

Copyright (c): 2007-2010 Baptiste Lepilleur

Terms and Conditions: Refer Section 2.3

### **5.75 khronos\_headers**

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

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

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

Terms and Conditions: Refer Section 2.3, 2.15

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### **5.76 leveldb-v1.20**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

### **5.77 libaddressinput-master\_2014-10-07**

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

Available under the license: Apache 2.0 License

Copyright (c):

Terms and Conditions: Refer Section 2.6

### **5.78 libevent-release-1.4.15-stable**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

### **5.79 dist-llvm-master\_2010-04-15**

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

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

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

Terms and Conditions: Refer 2.7

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### **5.80 libjpeg-turbo-1.4.90**

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

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

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

Copyright (c):

Terms and Conditions: Refer Section 2.30, 2.5, 2.1

### **5.81 libphonenumber-v8.9.8**

Description: International Phone Number Library

Available under the license: Apache 2.0 License

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

Terms and Conditions: Refer Section 2.6

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

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

Available under the license: lib png License

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

Terms and Conditions: Refer Section 2.11

### **5.83 libsrtp-v1.5.2**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

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#### **5.84 libvpx-v1.6.0**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

#### **5.85 libwebm-libwebm-1.0.0.27**

Description: libwebm is a library to read and write WebM files. It's used by MediaStream Recording API to multiplex encoded audio and video into a WebM container. Only the writing parts are used for this purpose, the rest is not compiled.

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

#### **5.86 libwebp-v0.5.1**

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

Available under the license: BSD 3 License

Copyright (c): 2010, Google Inc.

Terms and Conditions: Refer Section 2.31

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### **5.87 libxml2-v2.9.5**

Description: libxml2 from libxml.org.

Available under the license: MIT License

Copyright (c): 1998-2012 Daniel Veillard.

Terms and Conditions: Refer Section 2.3

### **5.88 libXNVCtrl-master\_2018-03-01**

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

Available under the license: MIT License

Copyright (c): 2008 NVIDIA

Terms and Conditions: Refer Section 2.3

### **5.89 libxslt-v1.1.29-rc2**

Description: libxslt from libxml.org.

Available under the license: MIT License

Copyright (c): 1998-2012 Daniel Veillard.

Terms and Conditions: Refer Section 2.3

### **5.90 libyuv-v1.0.0**

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

Available under the license: BSD 3 License

Copyright (c): 2011 The LibYuv Project Authors.

Terms and Conditions: Refer Section 2.5

### **5.91 linux\_syscall\_support**

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

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
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Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

### **5.92 minigbm**

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

Available under the license: BSD 3 License

Copyright (c): 2014 The Chromium OS Authors.

Terms and Conditions: Refer Section 2.5

### **5.93 modp\_b64-master\_2014-10-08**

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

Available under the license: BSD 3 License

Copyright (c): 2005, 2006 Nick Galbreath

Terms and Conditions: Refer Section 2.5

### **5.94 mojo-master\_2014-10-08**

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

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

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

Available under the license: BSD 3 License

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Copyright (c): 2014 The Chromium Authors.

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#### **5.95 mt19937ar-32.0.1700.102**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

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

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

Available under the license: BSD 3 License

Copyright (c): 2008, Google Inc.

Terms and Conditions: Refer Section 2.5

#### **5.97openh264-v1.4.0**

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

Available under the license: BSD 2 License

Copyright (c): 2013, Cisco Systems

Terms and Conditions: Refer Section 2.8

#### **5.98opus-v1.1.3**

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

Available under the license: BSD 3 License

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

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

Terms and Conditions: Refer Section 2.5

### **5.99 ots-v5.0.0**

Description:

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

Available under the license: BSD 3 License

Copyright (c): 2009 The Chromium Authors.

Terms and Conditions: Refer Section 2.5

### **5.100 ozone-wayland-45.0.2454.37**

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

Available under the license: BSD 3 License

Copyright (c): 2013 Intel Corporation.

Terms and Conditions: Refer Section 2.5

### **5.101 pdfium-chromium/3440**

Description: PDF generation and rendering library.

Available under the license: BSD 3 License

Copyright (c): 2014 PDFium Authors.

Terms and Conditions: Refer Section 2.5

### **5.102 protobuf-v3.0.0-beta-3**

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

Available under the license: BSD 3 License

Copyright (c): 2008 Google Inc.

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
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Terms and Conditions: Refer Section 2.32

### **5.103 qcms**

Description: Contains support for applying an ICC color profile to an image. The code is originally based on tinycms, re-written by Mozilla for better security and performance. This copy is a source-drop from Mozilla on March 13, 2012.

Available under the license: MIT License

Copyright (c): 2009 Mozilla Corporation

1998-2007 Marti Maria

Terms and Conditions: Refer Section 2.3

### **5.104 re2-2016-02-01**

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

Available under the license: BSD 3 License

Copyright (c): 2009 The RE2 Authors.

Terms and Conditions: Refer Section 2.5

### **5.105 SevenZip-LZMA-15.14**

Description: This contains a part of LZMA SDK 15.14.

Available under the license: Public Domain

Copyright (c):

Terms and Conditions: Refer Section 2.33

### **5.106 shaderc-v2018.0**

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

Available under the license: Apache 2.0 License

Copyright (c):

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

Terms and Conditions: Refer Section 2.6

### **5.107 skia-v1.60.0**

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

Available under the license: BSD 3 License

Copyright (c): 2011 Google Inc.

Terms and Conditions: Refer Section 2.5

### **5.108 smhasher-trunk\_2014-04-22**

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

Available under the license: MIT License

Copyright (c): 2011 Google, Inc.

Terms and Conditions: Refer Section 2.3

### **5.109 snappy-v1.1.0**

Description: Compression library used by LevelDB.

Available under the license: BSD 3 License

Copyright (c): 2011 Google Inc.

Terms and Conditions: Refer Section 2.5

### **5.110 uriparser-uriparser-0.8.0**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

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### **5.111 SPIRV-Tools-spirv-1.1-rev1**

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.112 sqlite-version-3.8.4**

Description:

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

Available under the license: Public Domain

Copyright (c):

Terms and Conditions: Refer Section 2.10

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

Description: Chromium's locally patched copy of tcmalloc.

Available under the license: BSD 3 License

Copyright (c): 2005, Google Inc.

Terms and Conditions: Refer Section 2.5

### **5.114 url\_parse**

Description: The file url\_parse.cc is based on nsURLParsers.cc from Mozilla.

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

Copyright (c): 2007, Google Inc.

Terms and Conditions: Refer Section - 2.5, 2.4

### **5.115 usrsctp-0.9.3.0**

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

Available under the license: BSD 2 License

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

Terms and Conditions: Refer Section 2.8

### **5.116 v8-5.6.309.1**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

### **5.117 VulkanTools-sdk-1.0.8.0**

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

Available under the license: MIT License

Copyright (c): 2015 Valve Corporation

Terms and Conditions: Refer Section 2.3

### **5.118 wayland-protocols**

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

Available under the license: MIT License

Copyright (c): 2008-2013 Kristian Høgsberg

2010-2013 Intel Corporation

2013 Rafael Antognolli

2013 Jasper St. Pierre

2014 Jonas Ådahl

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2014 Jason Ekstrand

2014-2015 Collabora, Ltd.

2015 Red Hat Inc.

Terms and Conditions: Refer Section 2.3

### **5.119 WebGL-master\_2015-01-08**

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

Available under the license: MIT License

Copyright (c):

Terms and Conditions: Refer Section 2.3

### **5.120webrtc-builds-9686**

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

Available under the license: BSD 3 License

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

Terms and Conditions: Refer Section 2.5

### **5.121 woff2-a15a8ab86b934cf436f8fac4a8a11ddf8b59d792**

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

Available under the license: MIT License

Copyright (c):

Terms and Conditions: Refer Section 2.3

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

### **5.122 zlib-1.2.8**

Description: General purpose compression library

Available under the license: Zlib License

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

Terms and Conditions: Refer Section 2.1

### **5.123 boost\_1\_64\_0**

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

Available under the license: BSL 1.0 License

Copyright (c):

Terms and Conditions: Refer Section 2.2

### **5.124 libjson-c-0.10**

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

Available under the license: MIT License

Copyright (c): 2007-2010 Baptiste Lepilleur and The JsonCpp Authors

Terms and Conditions: Refer Section 2.3

### **5.125 pkg-config-generator**

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

Available under the license: MIT License

Copyright (c): 2016 Nii Mante

Terms and Conditions: Refer Section 2.3

### **5.126 uriparser-0.8.5**

Description: RFC 3986 URI parsing library

Available under the license: BSD 3 License

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

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

#### **5.127 xmlsec1-1.2.24**

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

#### **5.128 Tornado-4.1**

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

#### **5.129 Ujson-1.35**

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

#### **5.130 Python-2.7.9**

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

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

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

Terms and Conditions: Refer Section 2.19

### **5.131 Backports-3.4.0.2**

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

Available under the license: Python License v2.0

Copyright (c):2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010,

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

Terms and Conditions: Refer Section 2.18

### **5.132 babel-runtime - 6.26.0**

Description: The compiler for writing next generation JavaScript.

Available under the license: MIT License

Copyright ©: 2014-present Sebastian McKenzie and other contributors

Terms and Conditions: Refer Section 2.3

### **5.133 core-js-2.5.1**

Description: Modular standard library for JavaScript

Available under the license: MIT License

Copyright (c): 2014-2020 Denis Pushkarev

Terms and Conditions: Refer Section 2.3

### **5.134 css-loader-0.25.0**

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

Available under the license: MIT License

Copyright ©: JS Foundation and other contributors

Terms and Conditions: Refer Section 2.3

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

### **5.135 vue-loader-13.7.2**

Description: Webpack loader for Vue Single-File Components

Available under the license: MIT License

Copyright ©: 2015-present Yuxi (Evan) You

Terms and Conditions: Refer Section 2.3

### **5.136 Blackmagic DeckLink SDK 9.6.4-master\_2012-10-10**

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

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

Available under the license: BSL

Copyright (c): 2014 Blackmagic Design

Terms and Conditions: Refer Section 2.2

### **5.137 aes-js - 3.1.2**

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

Available under the license: MIT License

Copyright (c): 2015 Richard Moore

Terms and Conditions: Refer Section 2.3

### **5.138 mosquito-v1.6.7**

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

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

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

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

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

Terms and Conditions: Refer Section 2.23

### **5.139 atob - 2.1.2**

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

Available under the license: MIT License , Apache 2.0 License

Copyright (c): 2015 AJ ONeal

Terms and Conditions: Refer Section 2.3, 2.6

### **5.140 cli-spinners - 1.3.1**

Description: Spinners for use in the terminal

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.141 vue-i18n**

Description: Internationalization plugin for Vue.js

Available under the license: MIT License

Copyright (c): 2016 kazuya kawaguchi

Terms and Conditions: Refer Section 2.3

### **5.142 vue-router**

Description: The official router for Vue.js

Available under the license: MIT License

Copyright (c): 2013-present Evan You

Terms and Conditions: Refer Section 2.3

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### **5.143 vue-style-loader**

Description: A fork based on style-loader

Available under the license: MIT License

Copyright (c): JS Foundation and other contributors

Terms and Conditions: Refer Section 2.3

### **5.144 webpack**

Description: A module bundler

Available under the license: MIT License

Copyright (c): JS Foundation and other contributors

Terms and Conditions: Refer Section 2.3

### **5.145 cli-table-redemption - 1.0.1**

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.146 co - 4.6.0**

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

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.147 commander - 2.20.3**

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

Available under the license: MIT License

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

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

Terms and Conditions: Refer Section 2.3

### **5.148 fs-extra - 3.0.1**

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

Available under the license: MIT License

Copyright (c): 2011-2017 JP Richardson

Terms and Conditions: Refer Section 2.3

### **5.149 inquirer - 3.3.0**

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

Available under the license: MIT License

Copyright (c): 2012 Simon Boudrias

Terms and Conditions: Refer Section 2.3

### **5.150 ora - 1.4.0**

Description: Elegant terminal spinner

Available under the license: MIT License

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

Terms and Conditions: Refer Section 2.3

### **5.151 thunkify - 2.1.2**

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

Available under the license: MIT License

Copyright (c): 2018 TJ Holowaychuk

Terms and Conditions: Refer Section 2.3

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

### **5.152 unzip - 0.1.11**

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

Available under the license: MIT License

Copyright (c): 2012 - 2013 Near Infinity Corporation

Terms and Conditions: Refer Section 2.3

### **5.153 xmldom - 0.1.31**

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

Available under the license: MIT License

Copyright (c): None

Terms and Conditions: Refer Section 2.3

### **5.154 xpath - 0.0.24**

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

Available under the license: MIT License

Copyright (c): 2018 Cameron McCormack

Terms and Conditions: Refer Section 2.3

### **5.155 npm-cli-login - 0.1.1**

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

Available under the license: Apache 2.0 License

Copyright (c): None

Terms and Conditions: Refer Section 2.6

### **5.100 ozone-wayland-45.0.2454.376.156 selenium-webdriver-master\_2015-05-28**

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

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

Available under the license: Apache 2.0 License

Copyright (c): 2007-2009 Google Inc.

2007-2009 WebDriver committers

Terms and Conditions: Refer Section 2.6

### **5.157 glog-v0.3.4**

Description: libsync helper library

Available under the license: BSD 3 License

Copyright (c): 2010 The Chromium Authors

Terms and Conditions: Refer Section 2.5

### **5.158 freetype-freetype-2.6.1**

Description: FreeType library.

Available under the license: FreeType License (FTL)

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

Terms and Conditions: Refer Section 2.12

### **5.159 jsoncpp-1.6.2**

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

Available under the license: MIT License

Copyright (c): 2007-2010 Baptiste Lepilleur

Terms and Conditions: Refer Section 2.3

### **5.160 brackets - 1.11**

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

 <b>BOSCH</b>	<b>OSS Disclosure Document</b>	<b>DATE</b>
<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

Available under the license: MIT License

Copyright (c): 2012 - present Adobe Systems Incorporated. All rights reserved.

Terms and Conditions: Refer Section 2.3

### **5.161bootstrap-toggle - 2.2.2**

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

Available under the license: MIT License

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

### **5.162Toastr**

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

Available under the license: MIT License

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

### **5.163sqlite-version-3.7.6.2**

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

Available under the license: Public domain

Copyright (c):

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## **6 Supplier: Obigo License Terms**

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There are two mailing lists related to FreeType:

o [freetype@nongnu.org](mailto:freetype@nongnu.org)

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Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution.

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o [freetype-devel@nongnu.org](mailto:freetype-devel@nongnu.org)

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ANY, PROVIDED HEREUNDER IS PROVIDED "AS IS". THE AUTHOR HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

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

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

-Added CppSQLiteDB3::tableExists()

V3.2 01/07/2005 -Fixed execScalar to handle a NULL result

12/07/2007 -Added int64 functions to CppSQLite3Query

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

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

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

-sqlite3\_prepare replaced with sqlite3\_prepare\_v2

-Added Name based parameter binding to CppSQLite3Statement.

V3.3 02/14/2019 -Added CppSQLite3Statement(\_\_sqlite3\* pDB, \_\_sqlite3\_stmt\* pVM);

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CppSQLite3Statement::bind(int nParam, const sqlite\_int64 nValue);

CppSQLite3Statement::bind(int nParam, const uint64\_t nValue);

CppSQLite3Statement::Step()

CppSQLite3Statement::DoTransaction(const char \*str)

CppSQLite3Statement::BeginTransaction()

CppSQLite3Statement::CommitTransaction()

CppSQLite3Statement::RollbackTransaction()

CppSQLite3DB::getDB()

CppSQLite3DB::RestoreOrBackupDb() by OBIGO

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

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

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```
#
# The word list in cjdict.txt are generated by combining three
# word lists listed below with further processing for compound
# word breaking. The frequency is generated with an iterative
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#
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```

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# Dictionary: http://lao-dictionary.googlecode.com/git/Lao-Dictionary.txt
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```

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

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

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

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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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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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#### Modified files

07/11/2019 Patched "(URL : <https://github.com/bdarnell/tornado/tree/cython>)" by OBIGO

- gen.py           Fix coroutines in cython-compiled code
- gen\_test.py     Add a compiler directive to get gen\_test (mostly) working when cythonized
- options.py      Work around cython incompatibilities in options.py
- options\_test.py Work around cython incompatibilities in options.py
- util.py         Make ArgReplacer compatible with cython.
- web\_test.py     Also cythonize as many of the tests as possible.

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Portions of code from MODP\_ASCII - Ascii transformations (upper/lower, etc)

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

The Independent JPEG Group's JPEG software

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DOCUMENTATION ROADMAP

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This file contains the following sections:

OVERVIEW      General description of JPEG and the IJG software.

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

Other documentation files in the distribution are:

User documentation:

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

Programmer and internal documentation:

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

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

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

OVERVIEW

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

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

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

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

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

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

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

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

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it. This software may be referred to only as "the Independent JPEG Group's software".

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

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

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#### REFERENCES

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understand the innards of the JPEG software.

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

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

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

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

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

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

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

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

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The "official" archive site for this software is [www.ijg.org](http://www.ijg.org).

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

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

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

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#### FILE FORMAT WARS

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

Don't use an incompatible file format!

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

#### TO DO

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<b>XC_CT</b>	<b>XC_CT_PRJ_RN_AIVI_Scope2.1</b>	<b>7<sup>th</sup> Aug 2023</b>

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