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Version 3.1, 31 March 2009

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-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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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Preamble

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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The JG 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 - frameworks - base	android-4.4_r0.7	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-8.0.0_r21	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-wear-n-preview-2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-5.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.1.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-7.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - opt - bluetooth	android-n-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-4.3_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-n-iot-preview-4	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-n-preview-3	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-6.0.0_r5	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - external - bluetooth - bluedroid	android-4.4_r0.8	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-5.0.0_r2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.4_r0.9	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-o-preview-1	Apache License 2.0	http://developer.android.com/index.html	
aosp-mirror/platform_hardware_libhardware	android-5.0.0_r2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - external - bluetooth - bluedroid	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-6.0.1_r56	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-4.4_r1	Apache License 2.0	http://developer.android.com/index.html	

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Android - platform - frameworks - base	android-4.0.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Linux Kernel	v3.4-rc4	(GNU General Public License v2.0 only AND GNU General Public License v2.0 or later)	https://www.kernel.org	
Android - platform - frameworks - base	android-n-preview-4	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-7.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.4_r0.8	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - hardware - libhardware	android-5.1.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-n-mr2-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - packages - apps - Bluetooth	android-6.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - opt - bluetooth	android-6.0.0_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-n-preview-1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	android-4.2_r1	Apache License 2.0	http://developer.android.com/index.html	

3.2 Supplier : Android_OMR1

Supplier:Android_OMR1				
Name of OSS Component	Version	License	Home Page	Copyrights
ARM trusted firmware BL31		BSD2		
AVB Media Clock Recovery Handler driver		GPL v2/MIT		
AVB Media Streaming Engine driver		GPL v2/MIT		
AVB Streaming driver		GPL v2/MIT		
boot_control		Apache v2		
device.renesas.common		Apache v2		
device.renesas.kingfisher		Apache v2		
device.renesas.salvator		Apache v2		
device.renesas.ulcb		Apache v2		
Dynamic Trusted Application Note		BSD2		


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evs		Apache v2		
gatekeeper		Apache v2		
HWComposer		Apache v2		
interfaces.graphics.composer		Apache v2		
IPL		BSD		
Kernel		GPL v2		
keymaster		Apache v2		
LensPicker		Apache v2		
libLLVMIMG.so		University of Illinois/NCSA Open Source License		
libstagefrighthw		Apache v2		
Memory Manager Driver		GPL v2/MIT		
Memory Manager I/F		MIT		
NetworkDisplayDemo		Apache v2		
Oemlock		Apache v2		
OP-TEE (including TEE internal API)		BSD2		
OP-TEE Linux driver		GPL v2/MIT		
Overview		Apache v2		
patch files for i2c-tools		GPL v2		
QoS driver		GPL v2/MIT		
QoS I/F		MIT		
R8A7795 GX6650 Device Driver for Android		GPL v2/MIT		
R8A7796 GX6250 Device Driver for Android		GPL v2/MIT		
Settings file of usb fw		Apache v2		
si-tools		GPL v3		
SPI / HyperFlash driver		BSD2		
SS6.3-Public Driver for Linux		GPL v2/MIT		
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		

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3.3 Supplier : Apertis

Supplier: Apertis				
Name of OSS Component	Version	License	Home Page	Copyrights
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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 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)

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Attr	2.4.48- 4co1bv2019 .ob1	LGPL-2.1+ Other licenses: GPL-2.0+ FSF Public Domain X11	<p>Copyright (C) 2007 Andreas Gruenbacher <a.gruenbach er@computer. org> Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2001- 2003,2005 Silicon Graphics, Inc. All Rights</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 exception FSFUL		Copyright 2014,2016,2017 Red Hat Inc., Durham, North Carolina. Copyright 2008 FUJITSU Inc. Copyright 2005-18 Steve Grubb Copyright 1992-2017 Free Software Foundation, Inc. Copyright (©) 2011 Emanuele Giaquinta All rights

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base-files	10.3+deb10 u3co4~v202 0.0bv2020.0 b1	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	3.5.46co1bv 2019.0b1	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, 2004 Colin Watson Copyright 2001, 2002 Joey HessCopyright (C) of this file 2014 Chris Leick Copyright (C)

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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 Smooenburg 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 Tromeey Completely rewritten by Pavel Roskin Copyright (C) 1997, 1998, 1999 Colin Plumb.

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3.4 Supplier : CGI

Supplier: CGI				
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ANGLE		BSD 3-Clause License		
Autodesk® FBX® SDK		Autodesk® FBX® SDK 2014 License Agreement		
AvalonDock		BSD 3-Clause License		
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DotNetZip Library		Microsoft Public License (Ms-PL)		
Extended WPF Toolkit		Microsoft Public License (Ms-PL)		
EPPlus Library		LGPLv2.1		
Free Type Engine		Freetype Project License		
GLEW Library		MIT License		
Google Test		BSD 3-Clause License		
GraphSharp		Apache 2.0 License		
HarfBuzz Text Shaping Engine / UCDN - Unicode Database and Normalization		HarfBuzz / UCDN License		
ICU		ICU License		
json-cpp JSON reader and writer in C++		Json-cpp License		
Libktx		Libktx License		
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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)		
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WPF PropertyGrid Control		Apache 2.0 License		
Xerces-C++ XML Parser		Apache 2.0 License		
ZLIB Data Compression Library		ZLIB Data Compression Library License Agreement		

3.5 Supplier : Escript

Supplier : Escript				
Name of OSS Component	Version	License	Home Page	Copyrights
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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.

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Supplier: LG Innotek				
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adb	1.0.31	BSD-3-Clause AND Apache-2.0	http://developer.android.com/index.html	Copyright (c) 1988 Regents of

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aprd	Android4.4	GPL-2.0-only	http://developer.android.com/index.html	
atrace	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
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filterfw	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
filterpacks	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
framework-base-data	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008 The Android Open Source Project copyright © 2007, Google Corporation.RegularAscender - Droid SansVersion 1.00 copyright Google 2013 Google:Roboto: 2013Roboto RegularVersion 1.200310
framework-native-data	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2006-2013 The Android Open Source Project
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gcc-demangle	4.6	GPL-2.0-or-later AND LGPL-2.0-or-later	http://developer.android.com/index.html	Copyright 1992, 1993, 1994, 1995, 1996, 1997, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010 ↑ Free Software Foundation, Inc. Copyright ↑ (C) 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Free Software Foundation, Inc. Written by Ian Lance Taylor <ian@wasabisystems.com>.
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ime	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007, The Android Open Source Project
input	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007, The Android Open Source Project
iosnoop.sh	Android4.4	GPL-2.0-or-later	http://developer.android.com/index.html	COPYRIGHT: Copyright (c) 2014 Brendan Gregg.
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iptables	1.4.20	GPL-2.0-or-later AND Artistic-2.0	http://developer.oid.com/index.html	(C) 1999-2006 by the netfilter coreteam <coreteam@netfil ter.org>: Paul 'Rusty' Russell <rusty@rustcorp. com.au> Marc Boucher <marc+nf@mbsi.

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jpeg	Android4.4	BSD-3-Clause AND IJG AND Apache-2.0 AND Zlib	http://developer.android.com/index.html	Copyright (C) 2009-2011 Nokia Corporation and/or its subsidiary(-ies). All rights reserved. Contact: Alexander Bokovoy <alexander.bokovoy@nokia.com> Copyright (C) 2007-2008,2010-2011 The Android Open Source Project Copyright (C) 2010-2011 Intel Corporation
Kernel	4.4	GPL-2.0-only	http://developer.android.com/index.html	Copyright (C) 1989, 1991 Free Software Foundation, Inc.
keystore	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008-2009, 2011-2013 The Android Open Source Project
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libandroid_runtime	Android4.4	BSD-3-Clause AND Apache-2.0	http://developer.android.com/index.html	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
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libbt	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009-2012 Broadcom Corporation
libbt-client-api	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009-2011 Broadcom Corporation
libc	Android4.4	BSD-3-Clause AND BSD-2-Clause	http://developer.android.com/index.html	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	http://developer.android.com/index.html	Copyright (c) 2010, 2011 Intel Corporation

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libc_malloc_d ebug_qemu	Android4.4	BSD-2-Clause	http://developer.android.com/index.html	Copyright (C) 2009 The Android Open Source Project All rights reserved.
libcamera	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2011-2013 The Android Open Source Project
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libctest	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2007 The Android Open Source Project
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libFmRecordHal	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
libgui	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2007-2008,2010-2013 The Android Open Source Project
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libinput	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008-2013 The Android Open Source Project
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libion	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2011 Google, Inc
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libsparse	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010, 2012 The Android Open Source Project

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libui	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005-2009,2012 The Android Open Source Project
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memtester	4	GPL-2.0-only	http://developer.android.com/index.html	Originally by Simon Kirby <sim@stormix.com> <sim@neato.org> > Version 2 by Charles Cazabon <charlesc-memtester@pyropus.ca>
misc_ctl	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
mksh	1.305	MirOS	http://developer.android.com/index.html	mksh is covered by The MirOS Licence:
mtp	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2010 The Android Open Source Project
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openssl	1.1.0i	OpenSSL	http://developer.android.com/index.html	
pm	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007, The Android Open Source Project
powermanager	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2011, The Android Open Source Project
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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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src	Android4.4	Apache-2.0	http://developer.android.com/index.html	These files are Copyright 2007, 2008 Nuance Communications, but released under the Apache2 License.
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system-media	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011-2014 The Android Open Source Project
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u-boot15	2015.07- gd46d0cf	GPL-2.0-or-later	http://developer.android.com/index.html	(C) Copyright 2000 – 2013 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
ueventd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project
vb_effect	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
vb_pga	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
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webrtc	Android4.4	BSD-3-Clause AND BSL-1.0 AND MIT	http://developer.android.com/index.html	Copyright (c) 2011 The Chromium Authors. All rights reserved. Copyright (c) 2011 The WebRTC project authors. All Rights Reserved.
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zlib	1.2.8	Zlib	http://developer.android.com/index.html	(C) 1995-2013 Jean-loup Gailly and Mark Adler

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Das U-Boot - Universal Bootloader	Unspecified	GNU General Public License v2.0 or later	http://www.denx.de/wiki/U-Boot/WebHome	
D-Bus	1.10.2	Academic Free License v2.1	http://www.freedesktop.org/wiki/IntroductionToDBus	
dbus-glib	0.104	Academic Free License v2.1	http://www.freedesktop.org/wiki/Software/dbus	
dotzlib	Unspecified	Boost Software License 1.0	https://github.com/madler/zlib/tree/master/contrib/dotzlib	
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eCryptfs - eCryptfs-userspace	108	GNU General Public License v2.0 or later	http://sourceforge.net/projects/ecryptfs/	
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gkernel - rng-tools	5	GNU General Public License v2.0 or later	http://sourceforge.net/projects/gkernel/	
Glib	2.46.0	GNU Library General Public License v2 or later	https://developer.gnome.org/glib/	
GMP - GNU Multiple Precision Arithmetic Library	6.0.0a	GNU General Public License v2.0 or later	http://gmplib.org/	
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googlemock	1.7.0	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/googlemock/	
Gstreamer	0.10.36	GNU Library General Public License v2 or later	http://gstreamer.freedesktop.org/modules/	
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Info-Zip	3.0	Info-ZIP Updated License	http://www.info-zip.org/pub/infozip/Zip.html	
iperf	2.0.5	Iperf License	http://sourceforge.net/projects/iperf/	
IPTables	1.4.21	GNU General Public License v2.0 or later	http://www.netfilter.org/	
ISC DHCP	4.1.2	ISC License	http://www.isc.org/software/dhcp/	
iw-ct	3.14	ISC License	http://github.com/greearb/iw-ct/	
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libboost	Unspecified	Boost Software License 1.0		
libbtserviceapi	Unspecified	Unspecified		
libbtserviceapi	Unspecified	Robert Bosch Proprietary		
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libffi	3.2.1	Libffi License	http://sourceware.org/libffi/	
libgcrypt	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.gnupg.org	
libgcrypt_GPL	1.7.6	GNU General Public License v2.0 or later	https://github.com/ShiftMediaProject/libgcrypt/tree/libgcrypt-1.7.6	
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libndp	libndp_test1	GNU Lesser General Public License v2.1 or later	http://libndp.org/	
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libsocketcan	0.0.10	GNU Lesser General Public License v2.1 or later	http://www.pengutronix.de/software/libsocketcan/download/	
Libtasn1	3.2	GNU Lesser General Public License v2.1 or later	http://www.gnu.org/software/libtasn1/	
libtopas_test	Unspecified	Robert Bosch Proprietary		
libtopasapidtsi	Unspecified	Robert Bosch Proprietary		
libusb	1.0.18	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/libusb/	
libuuid	Unspecified	BSD 3-clause "New"	https://github.com/karelzak/util-linux/tree/master/libuuid	

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libzip	1.0.1	BSD 3-clause "New" or "Revised" License	http://www.nih.at/libzip/	
Linux Kernel	4.0.9	GNU General Public License v2.0 only	http://www.kernel.org/	
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Logging Framework for C++	1.1.2	Apache License 2.0	http://sourceforge.net/projects/log4cplus/	
Logging Framework for C++	1.1.2	Apache License 2.0	http://sourceforge.net/projects/log4cplus/	
Logrotate Utility	3.9.1	GNU General Public License v2.0 or later	https://fedorahosted.org/logrotate/	
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Minicom	2.6.2	GNU General Public License v2.0 or later	http://alioth.debian.org/projects/minicom/	
mtd-utils	1.5.2	GNU General Public License v2.0 or later	http://git.infradead.org/mtd-utils.git	
ncurses	5.9	X11 License	https://www.gnu.org/software/ncurses/ncurses.html	
Nettle	2.7.1	GNU Lesser General Public License v2.1 or later	http://www.lysator.liu.se/~nisse/nettle/	
NYS_Library	Unspecified	GNU Library General Public License v2 or later	https://github.com/stevenylai/ralink_sdk/blob/master/source/user/eatables-v2.0.9-2/getethertype.c	
OpenSSH	7.1p2	BSD 2-clause "Simplified" License	http://www.openssh.com/portable.html	
OpenSSL	1.0.2e	OpenSSL Combined License	http://www.openssl.org/	
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Popt	1.15	X11 License	http://freshmeat.net/projects/popt/	
ppp - Pauls PPP Package	Unspecified	GNU General Public License v2.0 or later	http://ppp.samba.org/ppp/index.html	
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protobuf	2.5.0	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/protobuf/	
ReadLine Front-End	Unspecified	GNU General Public License v2.0 or later	https://github.com/issue/readline/tree/master/examples/rife	
rsync	2.6.9	GNU General Public License v2.0 or later	http://samba.anu.edu.au/rsync/	
S Trace	4.10	BSD 3-clause	http://sourceforge.net/projects/strace/	

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		"New" or "Revised" License		
siphash	Unspecified	Public Domain	http://github.com/dchest/siphash/	
smhasher	3090200	Public Domain	http://code.google.com/p/smhasher/	
SQLite	3090200	Public Domain	http://www.hwaci.com/sw/sqlite/index.html	
squashfs-tools	4.3	GNU General Public License v2.0 or later	http://github.com/plougher/squashfs-tools/	
systemd	228	GNU Lesser General Public License v2.1 or later	http://freedesktop.org/wiki/Software/systemd/	
Tiny Asynchronous DNS lookup library	Unspecified	Beerware License	http://sourceforge.net/projects/adns/	
TLSF	1.9	Public Domain	http://tlsf.baisoku.org	
UBIFS	Unspecified	GNU General Public License v2.0 or later	http://www.linux-mtd.infradead.org/doc/ubifs.html	
uClibc - A C Library for Embedded Linux	0.9.30.3	GNU Lesser General Public License v2.1 or later	http://www.uclibc.org/	
USB Utils	007	GNU General Public License v2.0 or later	https://www.kernel.org/pub/linux/utils/usb/usbutils/	

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USB-DFU	1.0	GNU General Public License v2.0 or later	http://www.usb.org/home	
usbnet	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.linux-usb.org/usbnet/	
Util-Linux	2.27.1	GNU General Public License v2.0 or later	http://freshmeat.net/projects/util-linux/	
util-unix-ng	Unspecified	GNU General Public License v2.0 or later	http://userweb.kernel.org/~kzak/util-linux-ng/	
Wide_Project	Unspecified	BSD 3-clause "New" or "Revised" License	http://www.wide.ad.jp/index.html	
wireless-tools	30	GNU General Public License v2.0 or later	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html	
wpa_supplicant - IEEE 802.1X, WPA, WPA2, RSN, IEEE 802.11i	2.5	BSD 3-clause "New" or "Revised" License	http://hostap.epitest.fi/wpa_supplicant/	
XZ Utils	5.0.4	Public Domain	http://tukaani.org/xz/	

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yajl	Unspecified	ISC License	http://github.com/lloyd/yajl/	
yajl	2.1.0	ISC License	http://github.com/lloyd/yajl/	
zlib	1.2.8,1.1.3	zlib License	http://www.zlib.net	

3.8 Supplier: Nuance

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

3.9 Supplier : OMRON

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

3.10 Supplier : Real_VNC_3_2

Supplier: Real_VNC_3_2				
Component name	Version	License	Homepage	Copyright
aclocal and pkg.m4	aclocal 1.11.1	Free Software Foundation - MIT Style License GPL2.0+ wih Autoconf exception		Copyright © 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 FreeSoftware Foundation, Inc. Copyright © 2004 Scott James Remnant < scott@netsplit.com >.

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AES		Brian Gladman 3-Clause License or GPL		Copyright © 2003 Dr Brian Gladman, Worcester, UK.
Android Support Libraries	19.0.0	Apache License 2.0		Copyright (c) 2005-2008, The Android Open Source Project
ath9k_faf1dc64_backport.patch		GNU General Public License v2.0 or later		Copyright © 2014 Rajkumar Manoharan.
axTLS (SHA1 only)	1.1.8	BSD 3-Clause "New" or "Revised" License		Copyright © 2007 Cameron Rich. See section 7.7.1
Base64.java	2.3.7	Public domain	http://iharder.sourceforge.net/current/java/base64	
compat-wireless	1027gd46416c-p	GNU General Public License v2.0 or later		
EAX		Brian Gladman License		Copyright © 1998-2010 Dr Brian Gladman, Worcester, UK.
Endian		Brian Gladman 3-Clause License		Copyright © 2003 Dr Brian Gladman, Worcester, UK.
expat	2.0.1	MIT License		Copyright © 1998,1999, 2000 Thai Open Source Software center Ltd and Clark Cooper. Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
ExtractMpeg FramesTest.java		Apache License 2.0	http://bigflake.com/mediacodec/ExtractMpegFramesTest.java.txt	Copyright 2013, The Android Open Source Project
FreeType	2.5.5	FreeType Project license	www.freetype.org	Portions of this software are copyright © 2006 The FreeType Project

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GCC libstdc++	4.1.2 4.4.5	GNU General Public License v2.0 or later	http://gcc.gnu.org/libstdc++	Copyright © 1994 to 2009 Free Software Foundation, Inc.
Internal Android OS APIs	android2.3.3_ r1 android4.0.1_ r1 android4.1.1_ r1 android4.2.1_ r1 android4.3_r1 android4.4_r1	Apache License 2.0		Copyright 2005-2013, The Android Open Source Project
JRTPLIB	3.9.1	MIT License	http://research.edm.uhasselt.be/~jori/ .	
JThread	1.3.1	MIT License	http://research.edm.uhasselt.be/~jori/ .	Copyright © 1999-2011 Ross Bencina and Phil Burk
keysymdef		MIT open group variant license Digital equipment license	/main/28	Copyright © 1987, 1994, 1998 The Open Group. Copyright © 1987 by Digital Equipment Corporation, Maynard, Massachusetts.
libjpegturbo	1.2.1	libjpeg license	http://sourceforge.net/projects/libjpegturbo/ .	Copyright © 1991-2011 Thomas G. Lane, Guido Vollbeding, Pierre Ossman for Cendio AB, and D. R. Commander
libpng	1.2.52	libpng license		Copyright © 2004 and 2006- 2014 Glenn Randers- Pehrson
LibTomCrypt	1.16	Public domain	http://libtom.org	
LibTomMath	0.39	Public domain	http://libtom.org	
libudev	142 and 150	GNU Lesser General Public License v2.1 or later	http://www.kernel.org/pub/linux/utils/kernel/hotplug .	Copyright © 2008-2010 Key Sievers <key.sievers@vrfy.org> Copyright © 2009 Alan Jenkins <alanjenkins@tuffmail.co.uk>
libupnp (pupnp)	1.6.19	BSD 3- Clause		Copyright (c) 2000-2003 Intel Corporation.

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

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				1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc Copyright © 1987, 1993 The Regents of the University of California
LodePNG	20141130	Zlib license		Copyright © 2005-2014 Lode Vandevenne.
miniupnpc	1.5	Zlib license		Copyright © 2005-2009 and 2005-2011 Thomas Bernard
miniupnpc	1.5	BSD 3-Clause "New" or "Revised" License		Copyright © 2005-2009 and 2005-2011 Thomas Bernard. See section 7.1.20
mxcfb.h		GNU Lesser General Public License v2.1 or later		Copyright 2004-2010 Freescale Semiconductor Inc. All rights reserved.
OpenSSL	0.9.8zf	The OpenSSL Project license		Copyright © 1998-2011 The OpenSSL Project. See section 7.1.3.1. Copyright © 1995-1998 Eric Young. See section 7.1.3.2.
portaudio	19	MIT	http://www.portaudio.com/ .	Copyright © 1999-2011 Ross Bencina and Phil Burk.
portaudio	19	MIT License	http://www.portaudio.com/ .	Copyright © 1999-2011 Ross Bencina and Phil Burk.
pythonpsutil_2.1.3.bb	FSL Community BSP 1.6 (Daisy)	MIT license		Copyright © 2012-2014 Otavio Salvador.
Qt libraries	ARM builds: 4.7.1. Non-ARM builds: 4.6.2.	GNU Lesser General Public License 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		Copyright © 2002 Dr Brian Gladman, Worcester, UK

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		Rich license		
wpa_suppllicant	2.3	BSD 3-Clause "New" or "Revised" License		Copyright © 2002-2014 Jouni Malinen and contributors.
X Windows	XFree86 1.9	The Open group license Digital Equipment cooperation license Digital Equipment Corporation - Panoramix components		Copyright © 1987, 1988, 1989, 1998 The Open Group. See section 7.1.1.1. Copyright © 1987, 1988, 1989 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.2. Copyright © 1991, 1997 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.3
Zlib	1.1.4	Zlib license		Copyright © 1995-2002 Jean-loup Gailly and Mark Adler. See section 7.1.2.
Zlib	1.2.3	Zlib license		Copyright © 1995-2005 Jean-Loup Gailly and Mark Adler.

3.11 Supplier : Redbend_SWM

Supplier: Redbend_SWM				
Component	Version	License	Home Page	Copyright
action	0.1.1	Apache License 2.0	http://repo1.maven.org/maven2/com/nin-g/metrics/action/	
Android - platform - dalvik	2.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - frameworks - base	4.0.1_r1	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - prebuilts - sdk	4.4_r1	Apache License 2.0	http://developer.android.com/index.html	
Android SDK Support Libraries	19	Apache License 2.0	https://developer.android.com/tools/support-library/index.html	
Android SDK Support Libraries	23.1.1	Apache License 2.0	https://developer.android.com/tools/support-library/index.html	
Drools :: Scorecards	5.5.0.Final	Apache License 2.0	http://mirrors.ibiblio.org/maven2/org/drools/droolsscorecards/	
mongolduu	master-20121109	Apache License 2.0	http://github.com/tugstugi/mongolduu/	

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Stan-for-Android	0.1.0	Apache License 2.0	http://github.com/La bel305/Stan-forAndroid/	
doT	1.0.1	MIT License	http://github.com/ola do/doT/	
jquery	2.0.3	MIT License	http://github.com/jqu ery/jquery/	
jquery_mobile_rails	1.3.2	MIT License	http://rubygems.org/gems/jquery_mobile_rails	
SafeSlinger-Android	1.8.3-messenger	MIT License	http://github.com/Sa feSlingerProject/Saf eSlinger-Android/	
OpenSSL	Generic Version	OpenSSL Combined License	http://www.openssl.org/	
CRC32 MIT.edu	Generic Version	Public Domain	http://web.mit.edu/	
SHA-1 in C	9/1/2001	Public Domain	http://www.mirrors.w iretapped.net/securit y/cryptography/hash es/sha1	
SyncML C Toolkit	4.0.3	SyncML License	http://sourceforge.n et/projects/syncmlctoolkit/	

3.12 Supplier : Redbend

Supplier: Redbend				
Component	Version	License	Home Page	Copyright
7 Zip - LZMA SDK	9.2	Public Domain	http://www.7-zip.org/sdk.html	
7 Zip - LZMA SDK	4.01	Public Domain.	http://sourceforge.net/projects/sevenzips/	
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	
bsdifff	4.3	BSDiff license	http://github.com/geraldonetto/bsdifff/	
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/	

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FreeBSD	2.2.2	BSD 4-clause "Original" or "Old" License	http://www.freebsd.org	
Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56xx	2.10 special edition	Commercial license		
GNU C Library - glibc	2.2.4	GNU Lesser General Public License v2.1 or later	http://www.gnu.org/software/libc/libc.html	
Lawicel CAN USB sample code	0.1.8	Lawicel CAN USB sample code license	http://www.can232.com/?page_id=75	
libdivsufsort	2.0.0	MIT License	http://code.google.com/p/libdivsufsort/	
lz4	94	BSD 2-clause "Simplified" License	http://code.google.com/p/lz4/	
LZO real-time data compression library	2.04	Acquired commercial license	http://www.oberhumer.com/opensource/lzo/	
MSDN Sample Code	vs.85	Microsoft Limited Public License (Ms-LPL)	http://msdn.microsoft.com/en-US/windows/	
NetBSD	6	BSD 3-clause "New" or "Revised" License	http://www.netbsd.org/	
UCL Data Compression Library	1.03	Acquired commercial license	http://www.oberhumer.com/opensource/ucl/	
XMLFoundation	Apr-14	MIT License	http://xmlfoundation.codeplex.com/	
zlib	1.2.3	zlib License	http://www.zlib.net	

3.13 Supplier : Teseo

Supplier: Teseo				
Component name	Version	License	Homepage	Copyright
FATFS				

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3.14 Supplier : SK_telecom

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

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

3.15 Node Modules Components

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Sl. No.	Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	More Information
1.	Acl	2.2.53-4co1bv2019.0b1	LGPL-2.1+ <u>Other licenses:</u> FSF Public-domain X11 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.
2.	Apertis pro-archiving	0.2rb1bv2020.0b1	GPL-2.0+	Copyright: 2012 RBEI Ltd.
3.	Apparmor	2.13.2-10co2bv2020preb3	GPL-2.0 <u>Other licenses:</u> LGPL-2.1 Public-domain X11 MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause	Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c) 1999, 2000, 2001, 2002, 2003 2004, 2005, 2006, 2007 NOVELL (All rights reserved) Copyright (C) 2013 Kshitij Gupta Copyright (C) 2009 John Dong Copyright (C) 2009 Dulmandakh Sukhbaatar 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	2.4.48-4co1bv2019.0b1	LGPL-2.1+ <u>Other licenses:</u> GPL-2.0+	Copyright (C) 2007 Andreas Gruenbacher <a.gruenbacher@computer.org>

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5.	Audit	2.8.4-3bv2020preb2	GPL-2.0 only LGPL-2.1 only <u>Other licenses:</u> 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 exception FSFUL	Dual License - GPI v2 or later & BSD - 2 Clause Copyright 2014,2016,2017 Red Hat Inc., Durham, North Carolina. Copyright 2008 FUJITSU Inc. Copyright 2005-18 Steve Grubb Copyright 1992-2017 Free Software Foundation, Inc. Copyright (©) 2011 Emanuele Giaquinta All rights reserved. Copyright (©) 2009-2015 Marc Alexander Lehmann Copyright (c) 2015 Steve Grubb sgrubb@redhat.com Copyright (c) 2011 IBM Corp. All Rights Reserved. Copyright (C) 1994 X Consortium
6.	base-files	10.3+deb10u3co4~v2020.0bv2020.0b1	GPL-2.0+ <u>Other licenses:</u> 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 GPL-2.0+ GPL-1.0+	Copyright (C) 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc.
7.	base-passwd	3.5.46co1bv2019.0b1	GPL-2.0+ <u>Other licenses:</u> GPL-2.0	Copyright: Copyright 1999-2002 Wichert Akkerman Copyright 2007 David Mandelberg

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				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	GPL-2.0+ <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 Tromeey Completely rewritten by Pavel Roskin Copyright (C) 1997, 1998, 1999 Colin Plumb. Copyright (C) 1995-1997, 2000-2006 by Ulrich Drepper Copyright (C) 1994, 1995, 1997, 1998, 1999, 2000 H. Peter Anvin Copyright (C) 1994 X Consortium Copyright (C) 1984 David M. Ihnat
9.	dash	0.5.10.2-5co1bv2019.0b1	BSD-3-Clause <u>Other licenses:</u> GPL-2.0+ Public-domain GPL V2 or later with autoconf exception X11 FSFUL	Copyright (c) 2007 Herbert Xu Copyright (c) 1997 Christos Zoulas. Copyright (c) 1995 The Regents of the University of California. Copyright (C) 2012 Free Software Foundation, Inc. Copyright (C) 2011 Zlatan Todoric. Copyright (C) 2009 Martin Bagge Copyright (C) 1994 X Consortium
10.	dbus	1.12.20-0+deb10u1bv2020.0b3	GPL-2.0+ AFL-2.1 <u>Other licenses:</u> 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 Poech Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2017, 2018 Reini Urban Copyright (c) 2015 Philip Withnall Copyright (c) 2015 Enrico M. Crisostomo

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Copyright FAQ

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1. I don't understand the resale restriction... What gives?

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3. Are derivative works allowed?

Yes!

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

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

5. Under what terms are derivative works allowed?

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

Sure. Bundle the fonts with your software and sell your software with the fonts. That is the intent of the copyright.

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

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

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

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V3.0	03/08/2004	-Initial Version for sqlite3
V3.1	16/09/2004	-Implemented getXXXXField using sqlite3 functions -Added CppSQLiteDB3::tableExists()
V3.2	01/07/2005	-Fixed execScalar to handle a NULL result

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12/07/2007 -Added CppSQLiteDB::IsAutoCommitOn()
-Added int64 functions to CppSQLite3Query
-Added Name based parameter binding to CppSQLite3Statement.

V3.3 02/14/2019

-Added CppSQLite3Statement(__sqlite3* pDB, __sqlite3_stmt* pVM);
 CppSQLite3Statement::bind(int nParam, const sqlite_int64 nValue);
 CppSQLite3Statement::bind(int nParam, const uint64_t nValue);
 CppSQLite3Statement::Step()
 CppSQLite3Statement::DoTransaction(const char *str)
 CppSQLite3Statement::BeginTransaction()
 CppSQLite3Statement::CommitTransaction()
 CppSQLite3Statement::RollbackTransaction()
 CppSQLite3DB::getDB()
 CppSQLite3DB::RestoreOrBackupDb() by OBIGO

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

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

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0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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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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4.104 zlib license

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

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