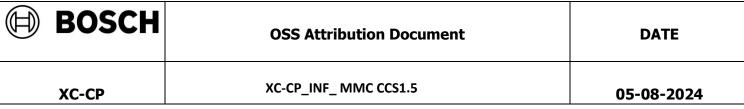


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Version 3.1, 31 March 2009

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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.

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

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

- **2.** You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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



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

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

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

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

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

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

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

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

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

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



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the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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

- 7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:
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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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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

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

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

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

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

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

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

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

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

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

- 2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
  - a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.



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

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
  - d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.



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

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

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	on	nse			
Attr	2.4.4	GNU	http://savannah.nongnu.org/proje	http://savannah.nongnu.org/projects/attr	
	7	Less	cts/attr		
		er			
		Gen			
		eral			
		Publi			
		С			
		Lice			
		nse			
		v2.1			
		or			
		later			

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AutoOpts	Unsp ecifie d	BSD 3- claus e "New " or "Revi sed" Lice nse	https://github.com/ShiftMediaProj ect/gnutls/tree/master/src/libopts	https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts
barebox	2016. 05.0	GNU Gen eral Publi c Lice nse v2.0 or later	http://github.com/RobertCNelson /barebox/	http://github.com/RobertCNelson/barebox/
Berkeley	Unsp ecifie d	BSD 3- claus e "New " or "Revi sed" Lice nse	http://www.berkeley.edu/	http://www.berkeley.edu/
Berkeley_test	Unsp ecifie d	BSD 3- claus e "New " or "Revi sed" Lice nse	http://www.berkeley.edu/	http://www.berkeley.edu/
bison	3.0.2, 2.5	GNU Gen eral Publi	http://savannah.gnu.org/projects/ bison/	http://savannah.gnu.org/projects/bison/

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		c Lice nse v3.0 or later with Biso n exce ption 2.2		
Bob Jenkins - Hashing	Unsp ecifie d	Publi c Dom ain	http://www.burtleburtle.net/bob/in dex.html	http://www.burtleburtle.net/bob/index.html
Boost C++ Libraries - boost	1.59. 0	Boos t Soft ware Lice nse 1.0	http://boost.org/	http://boost.org/
BusyBox	1.24. 1,1.2 3.2	GNU Gen eral Publi c Lice nse v2.0 or later	http://www.busybox.net	http://www.busybox.net
Bzip2	1.0.6	Bzip 2 Lice nse	http://www.bzip.org/	http://www.bzip.org/
CANUTIL	4.0.6	GNU Gen eral Publi c Lice nse	http://www.pengutronix.de/softwa re/socket- can/download/canutils/v4.0/	http://www.pengutronix.de/software/socket- can/download/canutils/v4.0/

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ConvertUTF.h	Hann	v2.0 or later	http://www.ada.org/	http://unicede.eug/
	Unsp ecifie d	Lice nse for Unic ode	http://unicode.org/	http://unicode.org/
crda	3.18	ISC Lice nse	http://github.com/idor/crda/	http://github.com/idor/crda/
Das U-Boot - Universal Bootloader	Unsp ecifie d	GNU Gen eral Publi c Lice nse v2.0 or later	http://www.denx.de/wiki/U- Boot/WebHome	http://www.denx.de/wiki/U-Boot/WebHome
D-Bus	1.10.	Acad emic Free Lice nse v2.1	http://www.freedesktop.org/wiki/l ntroductionToDBus	http://www.freedesktop.org/wiki/Introduction ToDBus
dbus-glib	0.104	Acad emic Free Lice nse v2.1	http://www.freedesktop.org/wiki/ Software/dbus	http://www.freedesktop.org/wiki/Software/dbus
dotzlib	Unsp ecifie d	Boos t Soft ware Lice nse 1.0	https://github.com/madler/zlib/tre e/master/contrib/dotzlib	https://github.com/madler/zlib/tree/master/c ontrib/dotzlib
dt-utils	dt- utils_t est	GNU Gen eral Publi	http://www.pengutronix.de/	http://www.pengutronix.de/

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eCryptfs - ecryptfs- userspace	108	c Lice nse v2.0 or later GNU Gen eral Publi c Lice nse v2.0 or later	http://sourceforge.net/projects/ec ryptfs/	http://sourceforge.net/projects/ecryptfs/
eudev	Unsp ecifie d	GNU Gen eral Publi c Lice nse v2.0 or later	http://github.com/gentoo/eudev/	http://github.com/gentoo/eudev/
Expat XML Parser - libexpat	Unsp ecifie d	MIT Lice nse	http://www.libexpat.org/	http://www.libexpat.org/
Filesystem in Userspace	2.9.4	GNU Gen eral Publi c Lice nse v2.0 or later	http://sourceforge.net/projects/fu se/	http://sourceforge.net/projects/fuse/
genshellopt	Unsp ecifie d	GNU Libra ry Gen eral	https://github.com/ShiftMediaProj ect/gnutls/tree/master/src/libopts	https://github.com/ShiftMediaProject/gnutls/ tree/master/src/libopts

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gkernel - rng- tools	5	Publi c Lice nse v2 or later GNU Gen eral Publi c Lice nse	http://sourceforge.net/projects/gk ernel/	http://sourceforge.net/projects/gkernel/
		v2.0 or later		
Glib	2.46.	GNU Libra ry Gen eral Publi c Lice nse v2 or later	https://developer.gnome.org/glib/	https://developer.gnome.org/glib/
GMP - GNU Multiple Precision Arithmetic Library	6.0.0 a	GNU Gen eral Publi c Lice nse v2.0 or later	http://gmplib.org/	http://gmplib.org/
GNOME Network Manager	1.0.1	GNU Gen eral Publi c Lice nse	http://www.gnome.org/projects/N etworkManager/	http://www.gnome.org/projects/NetworkMa nager/

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		v2.0 or		
GNU C Library - glibc	Unsp ecifie	later GNU Less	http://www.gnu.org/software/libc/libc.html	http://www.gnu.org/software/libc/libc.html
	d	er Gen eral		
		Publi c Lice nse		
		v2.1 or later		
GNU Get Text	0.15	GNU Gen eral Publi	http://www.gnu.org/software/gett ext/	http://www.gnu.org/software/gettext/
		c Lice nse		
		v2.0 or later		
GNU gettext	0.18.	GNU Libra ry Gen eral	http://savannah.gnu.org/projects/ gettext/	http://savannah.gnu.org/projects/gettext/
		Publi c Lice nse v2 or later		
GnuTLS	3.3.1	GNU Less er	http://savannah.gnu.org/projects/ gnutls/	http://savannah.gnu.org/projects/gnutls/
		Gen eral Publi c		
		Lice		

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googlemock	1.7.0	nse v2.1 or later BSD 3- claus e "New " or "Revi sed" Lice nse	http://code.google.com/p/google mock/	http://code.google.com/p/googlemock/
Gstreamer	0.10.	GNU Libra ry Gen eral Publi c Lice nse v2 or later	http://gstreamer.freedesktop.org/modules/	http://gstreamer.freedesktop.org/modules/
GSTREAMER PLUGINS- BASE	0.10. 36	GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://gstreamer.freedesktop.org/ src/gst-plugins-base/	http://gstreamer.freedesktop.org/src/gst- plugins-base/
hostapd - IEEE 802.11 AP & IEEE 802.1X/WPA/ WPA2/EAP/RA DIUS Authenticator	2.5	BSD 3- claus e "New " or "Revi	http://hostap.epitest.fi/hostapd/	http://hostap.epitest.fi/hostapd/

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		sed" Lice		
htop	1.0.3	nse GNU Gen eral Publi c Lice nse v2.0 or later	http://github.com/hishamhm/htop /	http://github.com/hishamhm/htop/
IDEA_FUNCTI ON	Unsp ecifie d	MIT v2 with Ad Clau se Lice nse	https://github.com/ShiftMediaProj ect/libgcrypt/tree/master/cipher	https://github.com/ShiftMediaProject/libgcry pt/tree/master/cipher
imx_usb_loade r	Unsp ecifie d	GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://github.com/boundarydevice s/imx_usb_loader/	http://github.com/boundarydevices/imx_usb _loader/
Info-Zip	3.0	Info- ZIP Upd ated Lice nse	http://www.info- zip.org/pub/infozip/Zip.html	http://www.info-zip.org/pub/infozip/Zip.html
Iperf	2.0.5	lperf Lice nse	http://sourceforge.net/projects/ip erf/	http://sourceforge.net/projects/iperf/
IPTables	1.4.2 1	GNU Gen	http://www.netfilter.org/	http://www.netfilter.org/

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ISC DHCP	4.1.2	eral Publi c Lice nse v2.0 or later ISC Lice	http://www.isc.org/software/dhcp/	http://www.isc.org/software/dhcp/
iw-ct	3.14	nse ISC Lice	http://github.com/greearb/iw-ct/	http://github.com/greearb/iw-ct/
jquery	Unsp ecifie d	nse MIT Lice nse	http://github.com/jquery/jquery/	http://github.com/jquery/jquery/
keyutils	1.5.9	GNU Gen eral Publi c Lice nse v2.0 or later	http://people.redhat.com/~dhowe lls/keyutils/	http://people.redhat.com/~dhowells/keyutils /
Kmod_Linux	22	GNU Gen eral Publi c Lice nse v2.0 or later	https://github.com/lucasdemarchi /kmod	https://github.com/lucasdemarchi/kmod
Less	443	Less Lice nse	http://www.greenwoodsoftware.c om/less/	http://www.greenwoodsoftware.com/less/
Lib Cap	2.24	BSD 3- claus e	http://sites.google.com/site/fullyc apable/	http://sites.google.com/site/fullycapable/

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		"New		
		" or		
		"Revi		
		sed"		
		Lice		
		nse		
libboost	Unsp	Boos		
	ecifie	t		
	d	Soft		
		ware		
		Lice		
		nse		
		1.0		
libbtserviceapi	Unsp	Unsp		
•	ecifie	ecifie		
	d	d		
libbtserviceapi	Unsp	Rob		
•	ecifie	ert		
	d	Bosc		
		h		
		Prop		
		rietar		
		у		
libetrace	Unsp	Rob		
	ecifie	ert		
	d	Bosc		
		h		
		Prop		
		rietar		
		у		
libffi	3.2.1	Libffi	http://sourceware.org/libffi/	http://sourceware.org/libffi/
		Lice		
		nse		
libgcrypt	Unsp	GNU	http://www.gnupg.org	http://www.gnupg.org
•	ecifie	Less		
	d	er		
		Gen		
		eral		
		Publi		
		С		
		Lice		
		nse		
		v2.1		

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		or		
		later		
libgcrypt_GPL	1.7.6	GNU	https://github.com/ShiftMediaProj	https://github.com/ShiftMediaProject/libgcry
		Gen	ect/libgcrypt/tree/libgcrypt-1.7.6	pt/tree/libgcrypt-1.7.6
		eral		
		Publi		
		С		
		Lice		
		nse		
		v2.0		
		or		
		later		
Libgpg-error	1.20	GNU	http://www.gnupg.org/	http://www.gnupg.org/
Lib		Less		
		er		
		Gen		
		eral		
		Publi		
		С		
		Lice		
		nse		
		v2.1		
		or		
		later	10.00	100 100 100 100 100 100 100 100 100 100
libgudev	230	GNU	https://wiki.gnome.org/Projects/li	https://wiki.gnome.org/Projects/libgudev
		Libra	bgudev	
		ry		
		Gen		
		eral		
		Publi		
		C		
		Lice		
		nse		
		v2 or		
libmnl	Unsp	later	http://www.netfilter.org/projects/li	http://www.netfilter.org/projects/libmnl/
IIDITITII	ecifie	GNU Less	bmnl/	nttp://www.nettiiter.org/projects/iibmni/
	d		Diffilly	
	u	er Gen		
		eral		
		Publi		
		C		
		Lice		
		nse		

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libmount	Unsp ecifie d	v2.1 or later GNU Less er Gen eral	https://github.com/karelzak/util- linux/tree/master/libmount	https://github.com/karelzak/util- linux/tree/master/libmount
		Publi c Lice nse v2.1 or later		
libndp	libnd p_tes t1	GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://libndp.org/	http://libndp.org/
libnftnl	Unsp ecifie d	GNU Gen eral Publi c Lice nse v2.0 or later	http://www.netfilter.org/projects/li bnftnl/	http://www.netfilter.org/projects/libnftnl/
libnl - Netlink Library	3.2.2 5	GNU Less er Gen eral Publi c	http://www.infradead.org/~tgr/libn  /	http://www.infradead.org/~tgr/libnl/

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libnl - Netlink Library	1.1	Lice nse v2.1 or later GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://www.infradead.org/~tgr/libn  /	http://www.infradead.org/~tgr/libnl/
liboil	0.3.1	BSD 2- claus e "Sim plifie d" Lice nse	http://liboil.freedesktop.org/wiki/	http://liboil.freedesktop.org/wiki/
libsmartcols	Unsp ecifie d	GNU Less er Gen eral Publi c Lice nse v2.1 or later	https://github.com/karelzak/util- linux/tree/master/libsmartcols	https://github.com/karelzak/util- linux/tree/master/libsmartcols
libsocketcan	0.0.1	GNU Less er Gen eral Publi	http://www.pengutronix.de/softwa re/libsocketcan/download/	http://www.pengutronix.de/software/libsock etcan/download/

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Libtasn1	3.2	c Lice nse v2.1 or later GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://www.gnu.org/software/libtasn1/	http://www.gnu.org/software/libtasn1/
libtopas_test	Unsp ecifie d	Rob ert Bosc h Prop rietar y		
libtopasapidtsi	Unsp ecifie d	Rob ert Bosc h Prop rietar y		
libusb	1.0.1	GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://sourceforge.net/projects/lib usb/	http://sourceforge.net/projects/libusb/

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libuuid	Unsp ecifie d	BSD 3- claus e "New " or "Revi sed" Lice nse	https://github.com/karelzak/util- linux/tree/master/libuuid	https://github.com/karelzak/util- linux/tree/master/libuuid
libvehiclenetwo rk	Unsp ecifie d	Rob ert Bosc h Prop rietar y		
libxml2	2.9.4	MIT Lice nse	http://xmlsoft.org/	http://xmlsoft.org/
libzip	1.0.1	BSD 3- claus e "New " or "Revi sed" Lice nse	http://www.nih.at/libzip/	http://www.nih.at/libzip/
Logging Framework for C++	1.1.2	Apac he Lice nse 2.0	http://sourceforge.net/projects/lo g4cplus/	http://sourceforge.net/projects/log4cplus/
Logging Framework for C++	1.1.2	Apac he Lice nse 2.0	http://sourceforge.net/projects/log4cplus/	http://sourceforge.net/projects/log4cplus/
Logrotate Utility	3.9.1	GNU Gen eral Publi	https://fedorahosted.org/logrotate /	https://fedorahosted.org/logrotate/

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Irzsz	0.12.	c Lice nse v2.0 or later GNU Gen eral Publi c Lice nse v2.0 or later	http://www.ohse.de/uwe/software /Irzsz.html	http://www.ohse.de/uwe/software/lrzsz.html
Itmain.sh	Unsp ecifie d	GNU Gen eral Publi c Lice nse v2.0 or later	http://www.gnu.org	http://www.gnu.org
luafilesystem	v_1_ 6_3	MIT Lice nse	http://github.com/keplerproject/lu afilesystem/	http://github.com/keplerproject/luafilesyste m/
Minicom	2.6.2	GNU Gen eral Publi c Lice nse v2.0 or later	http://alioth.debian.org/projects/ minicom/	http://alioth.debian.org/projects/minicom/
mtd-utils	1.5.2	GNU Gen eral Publi c	http://git.infradead.org/mtd- utils.git	http://git.infradead.org/mtd-utils.git

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ncurses	5.9	Lice nse v2.0 or later X11 Lice	https://www.gnu.org/software/nc urses/ncurses.html	https://www.gnu.org/software/ncurses/ncurses.html
Nettle	2.7.1	nse GNU Less er Gen eral Publi c Lice nse v2.1 or	http://www.lysator.liu.se/~nisse/n ettle/	http://www.lysator.liu.se/~nisse/nettle/
NYS_Library	Unsp ecifie d	later GNU Libra ry Gen eral Publi c Lice nse v2 or later	https://github.com/stevenylai/rali nk_sdk/blob/master/source/user/ ebtables-v2.0.9-2/getethertype.c	https://github.com/stevenylai/ralink_sdk/blo b/master/source/user/ebtables-v2.0.9- 2/getethertype.c
OpenSSH	7.1p2	BSD 2- claus e "Sim plifie d" Lice nse	http://www.openssh.com/portabl e.html	http://www.openssh.com/portable.html
OpenSSL	1.0.2 e	Ope nSS L Com	http://www.openssl.org/	http://www.openssl.org/

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opkg	0.3.0	bine d Lice nse GNU Gen eral Publi c Lice nse v2.0 or later	https://git.yoctoproject.org/cgit/cg it.cgi/opkg/	https://git.yoctoproject.org/cgit/cgit.cgi/opkg
PCRE	8.32	PCR E 5 Lice nse	http://sourceforge.net/projects/pc re/	http://sourceforge.net/projects/pcre/
PCSC Lite	Unsp ecifie d	BSD 3- claus e "New " or "Revi sed" Lice nse	http://pcsclite.alioth.debian.org/	http://pcsclite.alioth.debian.org/
Popt	1.15	X11 Lice nse	http://freshmeat.net/projects/popt /	http://freshmeat.net/projects/popt/
ppp - Pauls PPP Package	Unsp ecifie d	GNU Gen eral Publi c Lice nse v2.0 or later	http://ppp.samba.org/ppp/index.h tml	http://ppp.samba.org/ppp/index.html
ppp - Pauls PPP Package	2.4.7	GNU Gen eral	https://ppp.samba.org/index.html	https://ppp.samba.org/index.html

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		Publi c Lice nse v2.0 or later		
protobuf	2.5.0	BSD 3- claus e "New " or "Revi sed" Lice nse	http://code.google.com/p/protobu f/	http://code.google.com/p/protobuf/
ReadLine Front-End	Unsp ecifie d	GNU Gen eral Publi c Lice nse v2.0 or later	https://github.com/issuu/readline/ tree/master/examples/rlfe	https://github.com/issuu/readline/tree/maste r/examples/rlfe
rsync	2.6.9	GNU Gen eral Publi c Lice nse v2.0 or later	http://samba.anu.edu.au/rsync/	http://samba.anu.edu.au/rsync/
S Trace	4.10	BSD 3- claus e "New " or "Revi	http://sourceforge.net/projects/str ace/	http://sourceforge.net/projects/strace/

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		sed" Lice nse		
siphash	Unsp ecifie d	Publi c Dom ain	http://github.com/dchest/siphash/	http://github.com/dchest/siphash/
smhasher	3090 200	Publi c Dom ain	http://code.google.com/p/smhash er/	http://code.google.com/p/smhasher/
SQLite	3090 200	Publi c Dom ain	http://www.hwaci.com/sw/sqlite/i ndex.html	http://www.hwaci.com/sw/sqlite/index.html
squashfs-tools	4.3	GNU Gen eral Publi c Lice nse v2.0 or later	http://github.com/plougher/squas hfs-tools/	http://github.com/plougher/squashfs-tools/
systemd	228	GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://freedesktop.org/wiki/Softwa re/systemd/	http://freedesktop.org/wiki/Software/systemd/
Tiny Asynchronous DNS lookup library	Unsp ecifie d	Beer ware Lice nse	http://sourceforge.net/projects/ad ns/	http://sourceforge.net/projects/adns/
TLSF	1.9	Publi c	http://tlsf.baisoku.org	http://tlsf.baisoku.org

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		Dom ain		
UBIFS	Unsp ecifie d	GNU Gen eral Publi c Lice nse v2.0 or later	http://www.linux- mtd.infradead.org/doc/ubifs.html	http://www.linux- mtd.infradead.org/doc/ubifs.html
uClibc - A C Library for Embedded Linux	0.9.3	GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://www.uclibc.org/	http://www.uclibc.org/
USB Utils	007	GNU Gen eral Publi c Lice nse v2.0 or later	https://www.kernel.org/pub/linux/ utils/usb/usbutils/	https://www.kernel.org/pub/linux/utils/usb/u sbutils/
USB-DFU	1.0	GNU Gen eral Publi c Lice nse v2.0 or later	http://www.usb.org/home	http://www.usb.org/home

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usbnet	Unsp ecifie d	GNU Less er Gen eral Publi c Lice nse v2.1 or later	http://www.linux-usb.org/usbnet/	http://www.linux-usb.org/usbnet/
Util-Linux	2.27.	GNU Gen eral Publi c Lice nse v2.0 or later	http://freshmeat.net/projects/util- linux/	http://freshmeat.net/projects/util-linux/
util-unix-ng	Unsp ecifie d	GNU Gen eral Publi c Lice nse v2.0 or later	http://userweb.kernel.org/~kzak/u til-linux-ng/	http://userweb.kernel.org/~kzak/util-linux- ng/
Wide_Project	Unsp ecifie d	BSD 3- claus e "New " or "Revi sed" Lice nse	http://www.wide.ad.jp/index.html	http://www.wide.ad.jp/index.html
wireless-tools	30	GNU Gen	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html	http://www.hpl.hp.com/personal/Jean_Tourr ilhes/Linux/Tools.html

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•				
		eral		
		Publi		
		С		
		Lice		
		nse		
		v2.0		
		or		
		later		
wpa_supplican	2.5	BSD	http://hostap.epitest.fi/wpa_suppl	http://hostap.epitest.fi/wpa_supplicant/
t - IEEE		3-	icant/	
802.1X, WPA,		claus		
WPA2, RSN,		е		
IEEE 802.11i		"New		
		" or		
		"Revi		
		sed"		
		Lice		
\		nse		
XZ Utils	5.0.4	Publi	http://tukaani.org/xz/	http://tukaani.org/xz/
		С		
		Dom		
		ain		
yajl	Unsp	ISC	http://github.com/lloyd/yajl/	http://github.com/lloyd/yajl/
	ecifie	Lice		
.,	d	nse	10. // 21. 1 // 27	
yajl	2.1.0	ISC	http://github.com/lloyd/yajl/	http://github.com/lloyd/yajl/
		Lice		
	4.0.0	nse	1	1 //
zlib	1.2.8,	zlib	http://www.zlib.net	http://www.zlib.net
	1.1.3	Lice		
		nse		

### 3.6. Supplier: Nuance

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

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### 3.7.Supplier : OMRON

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

# 3.8.Supplier : Redbend\_SWM

	Supplier: Redbend_SWM					
Component	Version	Licens	Home Page	Copyright		
		е				
action	0.1.1	Apache	http://repo1.maven.	http://repo1.maven.		
		License	org/maven2/com/nin	org/maven2/com/nin		
		2.0	g/metrics.action/	g/metrics.action/		
Android -	2.1_r1	Apache	http://developer.and	http://developer.and		
platform -		License	roid.com/index.html	roid.com/index.html		
dalvik		2.0				
Android -	4.0.1_r1	Apache	http://developer.and	http://developer.and		
platform -		License	roid.com/index.html	roid.com/index.html		
frameworks -		2.0				
base						
Android -	4.4_r1	Apache	http://developer.and	http://developer.and		
platform -		License	roid.com/index.html	roid.com/index.html		
prebuilts - sdk		2.0				
Android SDK	19	Apache	https://developer.an	https://developer.an		
Support		License	droid.com/tools/sup port-	droid.com/tools/sup port-		
Libraries		2.0	library/index.html	library/index.html		
Android SDK	23.1.1	Apache	https://developer.an	https://developer.an		
Support		License	droid.com/tools/sup port-	droid.com/tools/sup port-		
Libraries		2.0	library/index.html	library/index.html		
Drools ::	5.5.0.Fi	Apache	http://mirrors.ibiblio.	http://mirrors.ibiblio.		
Scorecards	nal	License	org/maven2/org/drools/droolsscore	org/maven2/org/drools/droolsscore		
		2.0	cards/	cards/		
mongolduu	master-	Apache	http://github.com/tug	http://github.com/tug		
	201211	License	stugi/mongolduu/	stugi/mongolduu/		
	09	2.0				
Stan-for-	0.1.0	Apache	http://github.com/La bel305/Stan-	http://github.com/La bel305/Stan-		
Android		License	forAndroid/	forAndroid/		
		2.0				

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doT	1.0.1	MIT License	http://github.com/ola do/doT/	http://github.com/ola do/doT/
jquery	2.0.3	MIT License	http://github.com/jqu ery/jquery/	http://github.com/jqu ery/jquery/
jquery_mobile _rails	1.3.2	MIT License	http://rubygems.org/gems/jquery_m obile_rails	http://rubygems.org/gems/jquery_m obile_rails
SafeSlinger- Android	1.8.3- messen ger	MIT License	http://github.com/Sa feSlingerProject/Saf eSlinger- Android/	http://github.com/Sa feSlingerProject/Saf eSlinger- Android/
OpenSSL	Generic Version	OpenS SL Combin ed License	http://www.openssl.org/	http://www.openssl.org/
CRC32 MIT.edu	Generic Version	Public Domain	http://web.mit.edu/	http://web.mit.edu/
SHA-1 in C	9/1/200 1	Public Domain	http://www.mirrors.w iretapped.net/securit y/cryptography/hash es/sha1	http://www.mirrors.w iretapped.net/securit y/cryptography/hash es/sha1
SyncML C Toolkit	4.0.3	SyncM L License	http://sourceforge.n et/projects/syncmlctoolkit/	http://sourceforge.n et/projects/syncmlctoolkit/

### 3.9.Supplier : Redbend

	Supplier: Redbend					
Component	Versi	License	Home Page	Copyright		
	on					
7 Zip - LZMA	9.2	Public	http://www.7-zip.org/sdk.html	http://www.7-zip.org/sdk.html		
SDK		Domain				
7 Zip - LZMA	4.01	Public	http://sourceforge.net/projects/sev	http://sourceforge.net/projects/sevenzip		
SDK		Domain.	enzip/	/		
Android -	4.2	Apache	http://developer.android.com/inde	http://developer.android.com/index.html		
platform -		License	x.html			
bootable -		2.0				
recovery						
Android -	4.2	Apache	http://developer.android.com/inde	http://developer.android.com/index.html		
platform -		License	x.html			
system - core		2.0				

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bsdiff	4.3	BSDiff license	http://github.com/geraldonetto/bs diff/	http://github.com/geraldonetto/bsdiff/
CMarkup	11.05	Acquire d CMarku p Develop er License	http://www.firstobject.com/dn_mar kup.htm	http://www.firstobject.com/dn_markup.h tm
CRC table (Autogen)	Has no versio n numb er	Public Domain	http://en.wikipedia.org/wiki/Cyclic _redundancy _check	http://en.wikipedia.org/wiki/Cyclic_redundancy _check
Filesystem in Userspace	2.8.5	BSD 2- clause "Simplifi ed" License	http://sourceforge.net/projects/fus e/	http://sourceforge.net/projects/fuse/
Filesystem in Userspace	2.9.3	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/fus e/	http://sourceforge.net/projects/fuse/
FreeBSD	2.2.2	BSD 4- clause "Original " or "Old" License	http://www.freebsd.org	http://www.freebsd.org
Freescale Semiconducto r CodeWarrior Development Studio for MPC55xx/MP C56xx	2.10 speci al editio n	Commer cial license		
GNU C Library - glibc	2.2.4	GNU Lesser General	http://www.gnu.org/software/libc/li bc.html	http://www.gnu.org/software/libc/libc.ht ml

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•		ı		
		Public		
		License		
		v2.1 or		
		later		
Lawicel CAN	0.1.8	Lawicel	http://www.can232.com/?page_id	http://www.can232.com/?page_id=75
USB sample		CAN	=75	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
code		USB		
		sample		
		code		
		license		
libdivsufsort	2.0.0	MIT	http://code.google.com/p/libdivsuf	http://code.google.com/p/libdivsufsort/
		License	sort/	
lz4	94	BSD 2-	http://code.google.com/p/lz4/	http://code.google.com/p/lz4/
127	0 1	clause	111119,1/2000.1800816.180111,19/12-1/	The particular of the particul
		"Simplifi		
		ed"		
		License		
LZO real-time	2.04	Acquire	http://www.oberhumer.com/opens	http://www.oberhumer.com/opensource
data	2.04	d	ource/lzo/	/lzo/
compression		commer	04106/120/	/120/
library		cial		
library		license		
MSDN	vs.85	Microsof	http://msdn.microsoft.com/en-	http://msdn.microsoft.com/en-
Sample Code	V5.03	t Limited	US/windows/	US/windows/
Sample Code		Public	OS/Willdows/	US/WITHOWS/
		License		
		(Ms-		
		LPL)		
NetBSD	6	BSD 3-	http://www.netbsd.org/	http://www.netbsd.org/
Nelbab	0	clause	Tittp://www.fietbsu.org/	Tittp://www.netbsu.org/
		"New" or		
		"Revise		
		<b>u</b>		
HCL D.:	1.00	License	hater there are a	http://www.ab.ada.co
UCL Data	1.03	Acquire	http://www.oberhumer.com/opens	http://www.oberhumer.com/opensource
Compression		d	ource/ucl/	/ucl/
Library		commer		
		cial		
		license		
XMLFoundatio	Apr-	MIT	http://xmlfoundation.codeplex.co	http://xmlfoundation.codeplex.com/
n	14	License	m/	
zlib	1.2.3	zlib	http://www.zlib.net	http://www.zlib.net
		License		

	OSS Attribution Document	DATE
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## 3.10.Supplier : SK\_telecom

	Supplier: SK_telecom					
Component name	Versio n	License	Homepage	Copyright		
aladdin-md5	Unspe cified	zlib License	https://opensource.apple.co m/source/cups/cups- 30/cups/md5.h.auto.html	Copyright (C) 1999 Aladdin Enterprises		
Alsa Libraries	Unspe cified	GNU Lesser General Public License v2.1 or later	http://www.alsa-project.org/			
Android - platform - frameworks - base	androi d- 7.0.0_r 1	Apache License 2.0	https://android.googlesource. com/platform/frameworks/ba se	(C) 2015 The Android Open Source Project		
Android - platform - frameworks - base	Unspe cified	Apache License 2.0	https://android.googlesource. com/platform/frameworks/ba se			
Anti-Grain Geometry	Unspe cified	Anti-Grain Geometry Public License	http://sourceforge.net/project s/vector-agg/	Copyright (C) 2002-2005 Maxim Shemanarev		
Boost C++ Libraries - boost	Unspe cified	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	Unspe cified	curl License	http://github.com/curl/curl/	Copyright (C) 1998 - 2011, Daniel Stenberg		
gecko-dev	Unspe cified	BSD 3-clause "New" or "Revised" License	http://github.com/mozilla/gec ko-dev/	(C) 2002 Jean-Marc Valin		
gpclib	Unspe cified	Commercial License	http://github.com/rdpeng/gpclib/	(C) 1997-2004, Advanced Interfaces Group, University of Manchester.		
GSM 06.10 Lossy Speech Compression	Unspe cified	GSM License	http://kbs.cs.tu- berlin.de/~jutta/toast.html	Copyright 1992, 1993, 1994 by Jutta Degener and Carsten Bormann		

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GStreamer	Unspe cified	GNU Library General Public License v2 or later	http://gstreamer.freedesktop. org/modules/	
jsoncpp	Unspe cified	Public Domain or MIT	http://sourceforge.net/project s/jsoncpp/	Copyright (c) 2007-2010 by Baptiste Lepilleur and The JsonCpp Authors,
libogg	Unspe cified	BSD 3-clause "New" or "Revised" License	http://xiph.org/ogg/	Copyright (c) 2002, Xiph.org Foundation
libxml2	Unspe cified	MIT license	http://xmlsoft.org/	
OpenGL- Examples	master - 20141 123	zlib License	http://github.com/progschj/O penGL-Examples/	Copyright (c) 2012 Jakob Progsch
OpenSSL	1.0.2	OpenSSL Combined License	http://www.openssl.org	
Opus	Unspe cified	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	Unspe cified	ISC License	http://github.com/pkgconf/pk gconf/	Copyright (c) 1998 Todd C. Miller
pugixml	Unspe cified	MIT license	http://pugixml.org/	Copyright (c) 2006-2018 Arseny Kapoulkine
PVRTC Library	Unspe cified	Unspecified	https://www.imgtec.com/dev elopers/powervr-sdk- tools/installers/	
SDL	2	zlib License	http://www.libsdl.org/index.p hp	Copyright (C) 1997-2016 Sam Lantinga
SDL_gfx	Unspe cified	zlib License	http://sourceforge.net/project s/sdlgfx/	
Speex	1.2bet a2 dev	BSD 3-clause "New" or "Revised" License	http://www.speex.org/	
SQLite	Unspe cified	Public domian	http://www.sqlite.org/	
Sunrise/set calculator	Unspe cified	Public domian	https://stjarnhimlen.se/comp/ sunriset.c	
tiny-AES128-C	20141 218	Public domian	http://github.com/kokke/tiny- AES128-C/	

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wos	sh	Unspe cified	BSD 3-clause "New" or "Revised"	http://code.google.com/p/wo sh/	Copyright (C) 2002 Michael Ringgaard. All rights reserved.
			License		
zlib		1.2.11	zlib License	http://www.zlib.net/	

# **3.11.Node Modules Components**

Name of OSS Component	Version of OSS Component	Name and Version of License	Home page
buffer-crc32	0.2.5	MIT	https://github.com/brianloveswords/buffer- crc32
dbus-native	0.2.0	MIT	https://github.com/sidorares/node-dbus
dbus-proxy	0.0.0- unreleasable	NA	NA
abstract-socket	1.0	MIT	https://github.com/saghul/node- abstractsocket
bindings	1.2.1	MIT	https://github.com/TooTallNate/node- bindings
nan	2.4.0	MIT	https://github.com/nodejs/nan#readme
1to2	1.0.0	MIT	NA
event-stream	3.3.4	MIT	http://github.com/dominictarr/event-stream
duplexer	0.1	MIT	https://github.com/Raynos/duplexer
from	0.3	MIT	https://github.com/dominictarr/from
map-stream	0.0	NA	http://github.com/dominictarr/map-stream
pause-stream	0.0.11	MIT, Apache2	https://github.com/dominictarr/pause-stream
split	0.3.3	MIT	http://github.com/dominictarr/split
stream-combiner	0.0.4	MIT	https://github.com/dominictarr/stream- combiner
through	2.3.8	MIT	https://github.com/dominictarr/through
put	0.0.6	MIT/X11	https://github.com/substack/node-put
xml2js	0.14	NA	https://github.com/Leonidas-from-XIV/node- xml2js
sax	1.2.1	ISC	https://github.com/isaacs/sax-js#readme
iconv-lite	0.4.15	MIT	https://github.com/ashtuchkin/iconv-lite
jbinary	2.2	MIT	https://github.com/jDataView/jBinary

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es6-promise	2.0.1	MIT	NA
es6-promise	2.0.1	MIT	https://github.com/jakearchibald/ES6- Promises
jdataview	2.5.0	WTFPL	http://jDataView.github.io/
request	2.53.0	Apache-2.0	https://github.com/request/request
aws-sign2	0.5.0	NA	https://github.com/mikeal/aws-sign
bl	0.9.4	MIT	https://github.com/rvagg/bl
readable-stream	1.0.33	MIT	https://github.com/isaacs/readable-stream
core-util-is	1.0.1	MIT	https://github.com/isaacs/core-util-is
inherits	2.0.1	ISC	https://github.com/isaacs/inherits
isarray	0.0.1	MIT	https://github.com/juliangruber/isarray
string_decoder	0.10.31	MIT	https://github.com/rvagg/string_decoder
caseless	0.9.0	BSD	https://github.com/mikeal/caseless
combined-stream	0.0.7	NA	https://github.com/felixge/node-combined- stream
delayed-stream	0.0.5	NA	https://github.com/felixge/node-delayed- stream
forever-agent	0.5.2	NA	https://github.com/mikeal/forever-agent
form-data	0.2.0	MIT	https://github.com/felixge/node-form-data
async	0.9.0	MIT	https://github.com/caolan/async
hawk	NA	./LICENSE	NA
hawk	2.3.1	BSD	https://github.com/hueniverse/hawk
boom	2.6.1	BSD	https://github.com/hapijs/boom
cryptiles	2.0.4	BSD	https://github.com/hapijs/cryptiles
hoek	2.11.0	BSD	https://github.com/hapijs/hoek
sntp	1.0.9	BSD	https://github.com/hueniverse/sntp
http-signature	0.10.1	MIT	https://github.com/joyent/node-http- signature/
asn1	0.11	NA	NA .
assert-plus	0.5	NA	https://github.com/mcavage/node-assert-plus
ctype	0.5.3	NA	https://github.com/rmustacc/node-ctype
isstream	0.1	MIT	https://github.com/rvagg/isstream
json-stringify-safe	5.0.0	BSD	https://github.com/isaacs/json-stringify-safe
mime-types	2.0.9	MIT	https://github.com/jshttp/mime-types
mime-db	1.7.0	MIT	https://github.com/jshttp/mime-db

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

## 3.12. Miscellaneous components:

		Home Page	License
Android SDK Support	23 1 1	https://developer.android.com/tools/supp	Apache License 2.0
	20.1.1		OpenSSL Combined
OpenSSL		nttp://www.openssi.org/	License
CRC32		http://web.mit.edu/	Public Domain
SHA-1 in C		http://www.mirrors.wiretapped.net/securit y/cryptography/hashes/sha1	Public Domain
Android - platform - bootable – recovery	4.0.1_r1	http://developer.android.com/index.html	Apache License 2.0
Android - platform - bootable - recovery	5.0.0_r1	http://developer.android.com/index.html	Apache License 2.0
Android - platform - bootable - recovery	2.3_r1	http://developer.android.com/index.html	Apache License 2.0
File system in Userspace	2.8.7	http://sourceforge.net/projects/fuse/	BSD 2-clause "Simplified" License
lz4 Compression algorithm	r111	http://code.google.com/p/lz4/	BSD 2-clause "Simplified" License
Android -platform - system -		https://android.googlesource.com/platfor	BSD 3-clause "New" or "Revised" License
	SHA-1 in C  Android - platform - bootable - recovery  Android - platform - bootable - recovery  Android - platform - bootable - recovery  File system in Userspace  Iz4 Compression algorithm  Android -platform -	OpenSSL CRC32  SHA-1 in C Android - platform - bootable - recovery Android - platform - bootable - recovery  Android - platform - bootable - recovery  5.0.0_r1  Android - platform - bootable - recovery  File system in Userspace  124 Compression algorithm Android - platform - system -	OpenSSL http://www.openssl.org/ CRC32 http://web.mit.edu/ http://www.mirrors.wiretapped.net/securit y/cryptography/hashes/sha1  Android - platform - bootable - recovery 4.0.1_r1 http://developer.android.com/index.html  Android - platform - bootable - recovery 5.0.0_r1 http://developer.android.com/index.html  Android - platform - bootable - recovery 2.3_r1 http://developer.android.com/index.html  File system in Userspace 2.8.7 http://sourceforge.net/projects/fuse/  Iz4 Compression algorithm r111 http://code.google.com/p/Iz4/  Android -platform - system - https://android.googlesource.com/platfor

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

## 4 . LICENSE DETAILS:

## 4.1.GPL V3 or later with autoconf exception

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## 4.2.GPL V2 or later with Libtool exception

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5. Under what terms are derivative works allowed?

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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
	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 https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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

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Release	Deriv	ed Yea	ır O	wner	GPL-
,	from		cc	mpatible	? (1)
0.9.0 thru	1.2	1991-1	1995 C	WI y	es
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	ВеОре	en.com n	10
1.6.1	1.6	2001	CNRI	yes	(2)
2.1	2.0+1.6	.1 2001	PSF	no no	
2.0.1	2.0+1.6	5.1 2001	PS	F ye	S
2.1.1	2.1+2.0	0.1 2001	PS	F ye	S
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 complier directive to get gen\_test (mostly) working when cythonized

- options.py Work around cython incompatiblities in options.py

- options\_test.py Work around cython incompatiblities in options.py

- util.py Make ArgReplacer compatible with cython.

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- web\_test.py Also cythonize as many of the tests as possible.

## 4.105.zlib license

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

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