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--- end of FTL.TXT ---

2.15.GCC Runtime Library Exception 3.1 to GPL 3.0

GCC Runtime Library Exception 3.1 to GPL 3.0

Version 3.1, 31 March 2009

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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.

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

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

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

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

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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.

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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



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

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

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

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

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

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



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

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3 Other Open-Source Dependencies

3.1.Supplier : Alps_Alpine

N (000 0		: Alps_Alpine	T., 5	
Name of OSS Component	Version	License	Home Page	Copyrights
Android - platform - frameworks	android-	Apache	http://developer.and	
- base	6.0.0_r1	License 2.0	roid.com/index.html	
Android - platform - packages -	android-	Apache	http://developer.and	
apps - Bluetooth	8.0.0_r2	License 2.0	roid.com/index.html	
aosp-	android-n-iot-	Apache	http://developer.and	
mirror/platform_hardware_libha rdware	preview-4	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-	Apache	http://developer.and	
- av	7.0.0_r1	License 2.0	roid.com/index.html	
Android - platform - external -	android-	Apache	http://developer.and	
bluetooth - bluedroid	4.2.2 r1	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-4.2_r1	Apache	http://developer.and	
- av	_	License 2.0	roid.com/index.html	
aosp-	android-o-	Apache	http://developer.and	
mirror/platform_hardware_libha rdware	preview-1	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-	Apache	http://developer.and	
- base	7.1.2 r1	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-2.1 r1	Apache	http://developer.and	
- base	android 2.1_11	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-o-	Apache	http://developer.and	
- base	preview-2	License 2.0	roid.com/index.html	
CyanogenMod -	cm-10.2-M1	Apache	http://developer.and	
android_external_bluetooth_bluedroid	CITI-10.2-WIT	License 2.0	roid.com/index.html	
aosp-	android-n-mr2-	Apache	http://developer.and	
mirror/platform_hardware_libha rdware	preview-1	License 2.0	roid.com/index.html	
Android - platform - packages -	android-	Apache	http://developer.and	
apps - Bluetooth	5.1.0 r1	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-p-	Apache	http://developer.and	
- base	preview-1	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-	Apache	http://developer.and	
- base	3.2.4 r1	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-wear-	Apache	http://developer.and	
- base	n-preview-1	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-	Apache	http://developer.and	
- base	8.1.0_r2	License 2.0	roid.com/index.html	
aosp-	android-	Apache	http://developer.and	
mirror/platform_hardware_libha	6.0.1_r30	License 2.0	roid.com/index.html	
rdware	_			
Android - platform - frameworks	android-	Apache	http://developer.and	
- base	4.0.3_r1	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-	Apache	http://developer.and	
- base	4.4_r0.7	License 2.0	roid.com/index.html	
Android - platform - frameworks	android-	Apache	http://developer.and	

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- base	8.0.0_r21	License 2.0	roid.com/index.html
Android - platform - frameworks	android-wear-	Apache	http://developer.and
- base	n-preview-2	License 2.0	roid.com/index.html
Android - platform - packages -	android-	Apache	http://developer.and
apps - Bluetooth	5.0.0 r1	License 2.0	roid.com/index.html
Android - platform - packages -	android-4.2 r1	Apache	http://developer.and
apps - Bluetooth	_	License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and
- base	4.1.1 r1	License 2.0	roid.com/index.html
Android - platform - packages -	android-	Apache	http://developer.and
apps - Bluetooth	7.0.0 r1	License 2.0	roid.com/index.html
Android - platform - frameworks	android-n-	Apache	http://developer.and
- opt - bluetooth	preview-1	License 2.0	roid.com/index.html
Android - platform - packages -	android-4.3 r1	Apache	http://developer.and
apps - Bluetooth	android-4.5_11	License 2.0	roid.com/index.html
	android-n-iot-	Apache	http://developer.and
Android - platform - frameworks		License 2.0	
- base	preview-4		roid.com/index.html
Android - platform - frameworks	android-n-	Apache	http://developer.and
- base	preview-3	License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and
- base	6.0.0_r5	License 2.0	roid.com/index.html
Android - platform - external -	android-	Apache	http://developer.and
bluetooth - bluedroid	4.4_r0.8	License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and
- base	5.0.0_r2	License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and
- base	4.4_r0.9	License 2.0	roid.com/index.html
Android - platform - frameworks	android-o-	Apache	http://developer.and
- base	preview-1	License 2.0	roid.com/index.html
aosp-	android-	Apache	http://developer.and
mirror/platform_hardware_libha	5.0.0 r2	License 2.0	roid.com/index.html
rdware	_		
Android - platform - external -	android-4.2 r1	Apache	http://developer.and
bluetooth - bluedroid	_	License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and
- base	6.0.1 r56	License 2.0	roid.com/index.html
Android - platform - packages -	android-4.4 r1	Apache	http://developer.and
apps - Bluetooth		License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and
- base	7.0.0 r5	License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and
- base	4.0.1_r1	License 2.0	roid.com/index.html
Linux Kernel	v3.4-rc4	(GNU General	https://www.kernel.o
Linux Kerner	VO. + 1C+	Public License	rg
		v2.0 only AND	'6
		GNU General	
		Public License	
		v2.0 or later)	
Android - platform - frameworks	android-n-		http://developer.and
•		Apache	
- base	preview-4	License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and
- base	7.0.0_r1	License 2.0	roid.com/index.html
Android - platform - frameworks	android-	Apache	http://developer.and



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

3.2.Supplier : Android_OMR1

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



	_	
OP-TEE (including TEE internal	BSD2	
API)		
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	GPL v2/MIT	
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Driver for Android		
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ppp	2.4.7	BSD-like	http://developer.an droid.com/index.ht ml	This product includes software developed by Paul Mackerras <pre><pre><pre><pre><pre><pre>paulus@samb</pre> a.org></pre></pre></pre></pre></pre>
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svc	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2008, The Android Open Source Project
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u-boot15	2015.07- gd46d0cf	GPL-2.0-or-later	http://developer.an droid.com/index.ht ml	(C) Copyright 2000 – 2013 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
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zlib	1.2.8	Zlib	http://developer.an droid.com/index.ht ml	(C) 1995-2013 Jean-loup Gailly and Mark Adler

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

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AutoOpts	Unspecif	Lesser Genera I Public License v2.1 or later BSD 3-	https://github.com/ShiftMediaProject/gnutls/tree/	
·	ied	clause "New" or "Revise d" License	master/src/libopts	
barebox	2016.05. 0	GNU Genera I Public License v2.0 or later	http://github.com/RobertCNelson/barebox/	
Berkeley	Unspecif ied	BSD 3- clause "New" or "Revise d" License	http://www.berkeley.edu/	
Berkeley_test	Unspecif ied	BSD 3- clause "New" or "Revise d" License	http://www.berkeley.edu/	
bison	3.0.2, 2.5	GNU Genera I Public License v3.0 or later with Bison excepti on 2.2	http://savannah.gnu.org/projects/bison/	
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Boost C++ Libraries - boost	1.59.0	Boost Softwar e License 1.0	http://boost.org/	
BusyBox	1.24.1,1. 23.2	GNU Genera I Public License	http://www.busybox.net	

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Bzip2	1.0.6	Bzip2 License	http://www.bzip.org/	
CANUTIL	4.0.6	GNU Genera I Public License v2.0 or later	http://www.pengutronix.de/software/socket- can/download/canutils/v4.0/	
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crda	3.18	ISC License	http://github.com/idor/crda/	
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D-Bus	1.10.2	Acade mic Free License v2.1	http://www.freedesktop.org/wiki/IntroductionToDB us	
dbus-glib	0.104	Acade mic Free License v2.1	http://www.freedesktop.org/wiki/Software/dbus	
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eudev	Unspecif ied	GNU Genera I Public License v2.0 or	http://github.com/gentoo/eudev/	

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Expat XML Parser -	Unspecif	MIT	http://www.libexpat.org/
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gkernel - rng-tools	5	GNU	http://sourceforge.net/projects/gkernel/
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Glib	2.46.0	GNU	https://developer.gnome.org/glib/
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GNU gettext	0.18.2	GNU Library Genera I Public License v2 or later	http://savannah.gnu.org/projects/gettext/
GnuTLS	3.3.13	GNU Lesser Genera I Public License v2.1 or later	http://savannah.gnu.org/projects/gnutls/
Gnutls_Affero	Unspecif ied	GNU Affero Genera I Public License v3.0	https://github.com/ShiftMediaProject/gnutls/tree/master/tests
googlemock	1.7.0	BSD 3- clause "New" or "Revise d" License	http://code.google.com/p/googlemock/
Gstreamer	0.10.36	GNU Library Genera I Public License v2 or later	http://gstreamer.freedesktop.org/modules/
GSTREAMER PLUGINS-BASE	0.10.36	GNU Lesser Genera I Public License v2.1 or later	http://gstreamer.freedesktop.org/src/gst-plugins- base/
hostapd - IEEE 802.11 AP & IEEE 802.1X/WPA/WPA2/E AP/RADIUS Authenticator	2.5	BSD 3- clause "New" or "Revise d" License	http://hostap.epitest.fi/hostapd/
htop	1.0.3	GNU Genera I Public License v2.0 or later	http://github.com/hishamhm/htop/

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IDEA_FUNCTION	Unspecif ied	MIT v2 with Ad Clause License	https://github.com/ShiftMediaProject/libgcrypt/tre e/master/cipher
imx_usb_loader	Unspecif ied	GNU Lesser Genera I Public License v2.1 or later	http://github.com/boundarydevices/imx_usb_load er/
Info-Zip	3.0	Info- ZIP Update d 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 Genera I 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/
jquery	Unspecif ied	MIT License	http://github.com/jquery/jquery/
keyutils	1.5.9	GNU Genera I Public License v2.0 or later	http://people.redhat.com/~dhowells/keyutils/
Kmod_Linux	22	GNU Genera I Public License v2.0 or later	https://github.com/lucasdemarchi/kmod
Less	443	Less License	http://www.greenwoodsoftware.com/less/
Lib Cap	2.24	BSD 3- clause "New" or "Revise d" License	http://sites.google.com/site/fullycapable/
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libgcrypt_GPL	1.7.6	GNU	https://github.com/ShiftMediaProject/libgcrypt/tre	
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libgudev	230	GNU	https://wiki.gnome.org/Projects/libgudev	
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liboil	0.3.16	BSD 2-	http://liboil.freedesktop.org/wiki/	
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libsmartcols	Unspecif	GNU	https://github.com/karelzak/util-	
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libsocketcan	0.0.10	GNU	http://www.pengutronix.de/software/libsocketcan/	
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Libtasn1	3.2	later GNU	http://www.gnu.org/software/libtasn1/	
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libusb	1.0.18	GNU	http://sourceforge.net/projects/libusb/	
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libuuid	Unspecif	BSD 3-	https://github.com/karelzak/util-	
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libxml2	2.9.4	MIT	http://xmlsoft.org/	
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libzip	1.0.1	BSD 3-	http://www.nih.at/libzip/	
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Linux Kernel	4.0.9	GNU	http://www.kornol.org/	
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Linux Kernel	4.0.9	v2.0 only GNU Genera I Public License v2.0	http://www.kernel.org/	
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Logging Framework	4.0.9	v2.0 only GNU Genera I Public License v2.0 only Apache	http://www.kernel.org/ http://sourceforge.net/projects/log4cplus/	
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Logging Framework for C++	1.1.2	v2.0 only GNU Genera I Public License v2.0 only Apache License 2.0	http://sourceforge.net/projects/log4cplus/	
Logging Framework		v2.0 only GNU Genera I Public License v2.0 only Apache License		

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Logrotate Utility	3.9.1	GNU Genera I Public License v2.0 or later	https://fedorahosted.org/logrotate/
lrzsz	0.12.20	GNU Genera I Public License v2.0 or later	http://www.ohse.de/uwe/software/Irzsz.html
Itmain.sh	Unspecif ied	GNU Genera I Public License v2.0 or later	http://www.gnu.org
luafilesystem	v_1_6_3	MIT License	http://github.com/keplerproject/luafilesystem/
Minicom	2.6.2	GNU Genera I Public License v2.0 or later	http://alioth.debian.org/projects/minicom/
mtd-utils	1.5.2	GNU Genera I 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 Genera I Public License v2.1 or later	http://www.lysator.liu.se/~nisse/nettle/
NYS_Library	Unspecif ied	GNU Library Genera I Public License v2 or later	https://github.com/stevenylai/ralink_sdk/blob/mas ter/source/user/ebtables-v2.0.9-2/getethertype.c
OpenSSH	7.1p2	BSD 2- clause "Simplif ied" License	http://www.openssh.com/portable.html
OpenSSL	1.0.2e	OpenS	http://www.openssl.org/

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PCRE	8.32	PCRE	http://sourceforge.net/projects/pcre/	
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ReadLine Front-End	Unspecif	GNU	https://github.com/issuu/readline/tree/master/exa	
	ied	Genera	mples/rlfe	
		l Public		
		License		
		v2.0 or		
		later		
rsync	2.6.9	GNU	http://samba.anu.edu.au/rsync/	
103110	2.0.0	Genera	intpy/sambatanatedatad/13ymg	
		l Public		
		License		
		v2.0 or		
C Trace	4.10	later BSD 3-	http://gourgoforgo.not/proisets/strees/	
S Trace	4.10	ר חכם ו-	http://sourceforge.net/projects/strace/	

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1	Ī	l ı	I	İ
		clause "New"		
		or		
		"Revise		
		d"		
		License		
siphash	Unspecif	Public	http://github.com/dchest/siphash/	
	ied	Domain		
smhasher	3090200	Public	http://code.google.com/p/smhasher/	
001.	2000000	Domain		
SQLite	3090200	Public Domain	http://www.hwaci.com/sw/sqlite/index.html	
squashfs-tools	4.3	GNU	http://github.com/plougher/squashfs-tools/	
Squasilis-100is	4.3	Genera	http://github.com/piougher/squasms-tools/	
		l Public		
		License		
		v2.0 or		
		later		
systemd	228	GNU	http://freedesktop.org/wiki/Software/systemd/	
		Lesser		
		Genera I Public		
		License		
		v2.1 or		
		later		
Tiny Asynchronous	Unspecif	Beerwa	http://sourceforge.net/projects/adns/	
DNS lookup library	ied	re		
		License		
TLSF	1.9	Public	http://tlsf.baisoku.org	
UBIFS	l la an a aif	Domain	http://www.line.com.matel.infundanal.new./do.a/hife.html	
UBIFS	Unspecif ied	GNU Genera	http://www.linux-mtd.infradead.org/doc/ubifs.html	
	icu	I Public		
		License		
		v2.0 or		
		later		
uClibc - A C Library for	0.9.30.3	GNU	http://www.uclibc.org/	
Embedded Linux		Lesser		
		Genera		
		l Public License		
		v2.1 or		
		later		
USB Utils	007	GNU	https://www.kernel.org/pub/linux/utils/usb/usbutils	
		Genera	1	
		l Public		
		License		
		v2.0 or		
USB-DFU	1.0	later GNU	http://www.usb.org/home	
ט וע ענט	1.0	Genera	intp.//www.usb.org/Hollie	
		I Public		
		License		
		v2.0 or		
			Dago	318 of 548

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		later	
usbnet	Unspecif ied	GNU Lesser	http://www.linux-usb.org/usbnet/
	icu	Genera	
		I Public	
		License	
		v2.1 or	
		later	
Util-Linux	2.27.1	GNU	http://freshmeat.net/projects/util-linux/
		Genera	
		l Public	
		License	
		v2.0 or later	
util-unix-ng	Unspecif	GNU	http://userweb.kernel.org/~kzak/util-linux-ng/
util-utilx-tig	ied	Genera	Tittp://dserweb.kerriel.org/~kzak/dtil-iiildx-11g/
	lea	l Public	
		License	
		v2.0 or	
		later	
Wide_Project	Unspecif	BSD 3-	http://www.wide.ad.jp/index.html
	ied	clause	
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		or	
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802.1X, WPA, WPA2,		clause	
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		or "Dovice	
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		License	
XZ Utils	5.0.4	Public	http://tukaani.org/xz/
		Domain	
yajl	Unspecif	ISC	http://github.com/lloyd/yajl/
	ied	License	
yajl	2.1.0	ISC	http://github.com/lloyd/yajl/
		License	
zlib	1.2.8,1.1	zlib	http://www.zlib.net
	.3	License	



⊜ BOSCH	OSS Disclosure Document	DATE
хс_ст	XC_CT_PRJ_RN_AIVI_Scope2.1	24th May 2023

3.8. Supplier: Nuance

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

3.9. Supplier: OMRON

Supplier: OMRON					
Componen Vers License Homepage Copyright					
SimString	1	The BSD license	http://www.chokkan.org/soft ware/simstring/	Copyright (c) 2009,2010 Naoaki Okazaki All rights reserved.	

3.10.Supplier : Real_VNC_3_2

Supplier: Real_V	/NC_3_2			
Component	Version	License	Homepage	Copyright
name				
aclocal and	aclocal	Free		Copyright © 1996, 1997,
pkg.m4	1.11.1	Software		1998, 1999, 2000, 2001,
		Foundati		2002, 2003, 2004, 2005,
		on - MIT		2006, 2007, 2008, 2009
		Style		FreeSoftware Foundation,
		License		Inc.
		GPL2.0+		Copyright © 2004 Scott
		wih		James Remnant
		Autoconf		<scott@netsplit.com>.</scott@netsplit.com>
		exception		
AES		Brian		Copyright © 2003 Dr Brian
		Gladman		Gladman, Worcester, UK.
		3-Clause		
		License		
	1.000	or GPL		
Android	19.0.0	Apache		Copyright (c) 2005-2008,
Support		License		The Android Open Source
Libraries		2.0		Project
ath9k_faf1dc64_		GNU		Copyright © 2014
backport.patch		General		Rajkumar Manoharan.
		Public		
		License		
		v2.0 or		
axTLS	1.1.8	later BSD 3-		Conveight @ 2007
	1.1.8	Clause		Copyright © 2007 Cameron Rich, See
(SHA1 only)		"New" or		section 7.7.1
		ivew of		Section 1.1.1

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		"Davd"		
		"Revised"		
DC4:	2.2.7	License		
Base64.java	2.3.7	Public domain	http://iharder/sourceforge.net/current/jav a/b ase64	
compat-wireless	1027gd4641	GNU	45 a3c04	
compat wireless	6c-p	General		
		Public		
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		later		
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- "		License		Worcester, UK.
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				Expat maintainers.
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FramesTest.		License	pe gFramesTest.java.txt	Android Open Source
java FreeType	2.5.5	2.0 FreeType	www.freetype.org	Project Portions of this software
гтеетуре	2.5.5	Project	www.neetype.org	are copyright ©
		license		2006 The FreeType
				Project
GCC libstdc++	4.1.2	GNU	http://gcc.gnu.org/libstdc++	Copyright © 1994 to 2009
	4.4.5	General		Free Software Foundation,
		Public		Inc.
		License		
		v2.0 or		
		later		C
Internal Android OS APIs	android2.3.3 _r1	Apache License		Copyright 2005-2013, The Android Open Source
US APIS	android4.0.1	2.0		Project
	_r1	2.0		1 Toject
	android4.1.1			
	_r1			
	android4.2.1			
	_r1			
	android4.3_			
	r1			
	android4.4_ r1			
JRTPLIB	3.9.1	MIT License	http://research.edm.uhasselt.be/~jori/.	
JThread	1.3.1	MIT	http://research.edm.uhasselt.be/~jori/.	Copyright © 1999-2011
		License		Ross Bencina and Phil



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keysymdef		MIT open group variant license Digital equipme nt 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/libjpegtur bo/.	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></alanjenkins@tuffmail.co. </key.sievers@vrfy.org>
libupnp (pupnp)	1.6.19	BSD 3- Clause "New" or "Revised" License		Copyright (c) 2000-2003 Intel Corporation. Copyright (c) 2005-2006 Rémi Turboult <r3mi@users.sourceforge. net=""> Copyright (c) 2006 Michel Pfeiffer and others <virtual_worlds@gmx.de> . Copyright (c) 2011-2012 France Telecom.</virtual_worlds@gmx.de></r3mi@users.sourceforge.>
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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</dsd@gentoo.org></johannes@erdfelt.com>

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			ge.net>
			Copyright © 2009-2012
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			2002, 2004, 2005, 2006
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		License	Daniel Veillard
libzip	0.9	Free	Copyright © 1999-2008
		Software	Dieter Baron and Thomas
		Foundati	Klausner
		on	Copyright © 1994, 1995,
			1996, 1997, 1998, 1999,
			2000, 2001, 2002, 2003,
			2004, 2005, 2006, 2007,
			2008 Free Software
			Foundation, Inc
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			The Regents of the
			University of California
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	1.5	71:1-	
miniupnpc	1.5	Zlib	Copyright © 2005-2009
		license	and 2005-2011 Thomas
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		Clause	and 2005-2011 Thomas
		"New" or	Bernard. See section
		"Revised"	7.1.20
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mxcfb.h		GNU	Copyright 2004-2010
		Lesser	Freescale
		General	Semiconductor Inc. All
		Public	rights reserved.
		License	
		v2.1 or	
		later	
OpenSSL	0.9.8zf	The	Copyright © 1998-2011
262.1002	3.3.32	OpenSSL	The OpenSSL Project.
		- PO.100L	Page 222 of E49

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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 Rich license		Copyright © 2002 Dr Brian Gladman, Worcester, UK
wpa_supplicant	2.3	BSD 3- Clause "New" or "Revised" License		Copyright © 2002-2014 Jouni Malinen and contributors.
X Windows	XFree86 1.9	The Open group license Digital Equipme nt cooperati on license Digital Equipme nt Corporati on - Panorami x compone nts		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

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			Adler. See section 7.1.2.
Zlib	1.2.3	Zlib	Copyright © 1995-2005
		license	Jean-Loup Gailly and
			Mark Adler.

3.11.Supplier : Redbend_SWM

Supplier: Redbend_SWM					
Component	Version	License	Home Page	Copyrigh t	
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.and roid.com/index.html		
Android - platform - frameworks - base	4.0.1_r1	Apache License 2.0	http://developer.and roid.com/index.html		
Android - platform - prebuilts - sdk	4.4_r1	Apache License 2.0	http://developer.and roid.com/index.html		
Android SDK Support Libraries	19	Apache License 2.0	https://developer.an droid.com/tools/sup port-library/index.html		
Android SDK Support Libraries	23.1.1	Apache License 2.0	https://developer.an droid.com/tools/sup port-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/tug stugi/mongolduu/		
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_rail s	1.3.2	MIT License	http://rubygems.org/gems/jquery_mobile_rails		
SafeSlinger- Android	1.8.3- messenge r	MIT License	http://github.com/Sa feSlingerProject/Saf eSlinger-Android/		
OpenSSL	Generic Version	OpenSSL Combine d License	http://www.openssl.org/		
CRC32 MIT.edu	Generic Version	Public Domain	http://web.mit.edu/		
SHA-1 in C	9/1/2001	Public	http://www.mirrors.w iretapped.net/securit		

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

3.12.Supplier : Redbend

Supplier: Redbend Component	Versio	License	Home Page	Copyrigh
•	n			t
7 Zip - LZMA SDK	9.2	Public Domain	http://www.7-zip.org/sdk.html	
7 Zip - LZMA SDK	4.01	Public Domain.	http://sourceforge.net/projects/sevenzip/	
Android - platform - bootable - recovery	4.2	Apache License 2.0	http://developer.android.com/index.html	
Android - platform - system - core	4.2	Apache License 2.0	http://developer.android.com/index.html	
bsdiff	4.3	BSDiff license	http://github.com/geraldonetto/bsdiff/	
CMarkup	11.05	Acquired CMarkup Developer License	http://www.firstobject.com/dn_markup.htm	
CRC table (Autogen)	Has no version number	Public Domain	http://en.wikipedia.org/wiki/Cyclic_redundanc y _check	
Filesystem in Userspace	2.8.5	BSD 2- clause "Simplified" License	http://sourceforge.net/projects/fuse/	
Filesystem in Userspace	2.9.3	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/fuse/	
FreeBSD	2.2.2	BSD 4- clause "Original" or "Old" License	http://www.freebsd.org	
Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56x x	2.10 special edition	Commercia I license		
GNU C Library - glibc	2.2.4	GNU Lesser General	http://www.gnu.org/software/libc/libc.html	

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		Public	
		License	
		v2.1 or later	10.00
Lawicel CAN USB	0.1.8	Lawicel	http://www.can232.com/?page_id=75
sample code		CAN USB	
		sample	
		code	
		license	
libdivsufsort	2.0.0	MIT	http://code.google.com/p/libdivsufsort/
		License	
lz4	94	BSD 2-	http://code.google.com/p/lz4/
		clause	
		"Simplified"	
		License	
LZO real-time data	2.04	Acquired	http://www.oberhumer.com/opensource/lzo/
compression library		commercial	
		license	
MSDN Sample	vs.85	Microsoft	http://msdn.microsoft.com/en-US/windows/
Code		Limited	, , , ,
		Public	
		License	
		(Ms-LPL)	
NetBSD	6	BSD 3-	http://www.netbsd.org/
		clause	,,
		"New" or	
		"Revised"	
		License	
UCL Data	1.03	Acquired	http://www.oberhumer.com/opensource/ucl/
Compression		commercial	,, , ,
Library		license	
XMLFoundation	Apr-14	MIT	http://xmlfoundation.codeplex.com/
/ Canadion	, .p	License	The pay and the desired of the second of the
zlib	1.2.3	zlib License	http://www.zlib.net

3.13.Supplier: Teseo

Supplier: Teseo				
Component name	Version	License	Homepage	Copyright
FATFS				

3.14.Supplier : SK_telecom

Supplier: SK_	Supplier: SK_telecom				
Component	Versi	License	Homepage	Copyright	
name	on				
aladdin-md5	Unspe cified	zlib License	https://opensource.apple.c om/source/cups/cups- 30/cups/md5.h.auto.html	Copyright (C) 1999 Aladdin Enterprises	
Alsa Libraries	Unspe cified	GNU Lesser General Public	http://www.alsa- project.org/		

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		License v2.1 or later		
Android - platform - frameworks - base	androi d- 7.0.0_ r1	Apache License 2.0	https://android.googlesour ce.com/platform/framewor ks/base	(C) 2015 The Android Open Source Project
Android - platform - frameworks - base	Unspe cified	Apache License 2.0	https://android.googlesour ce.com/platform/framewor ks/base	
Anti-Grain Geometry	Unspe cified	Anti-Grain Geometry Public License	http://sourceforge.net/proje cts/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.co m/KB/cpp/MemoryPool.as px	
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/g ecko-dev/	(C) 2002 Jean-Marc Valin
gpclib	Unspe cified	Commercial License	http://github.com/rdpeng/g pclib/	Copyright: (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
GStreamer	Unspe cified	GNU Library General Public License v2 or later	http://gstreamer.freedeskto p.org/modules/	
jsoncpp	Unspe cified	Public Domain or MIT	http://sourceforge.net/proje cts/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	maste r- 20141 123	zlib License	http://github.com/progschj/ OpenGL-Examples/	Copyright (c) 2012 Jakob Progsch
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Opus	Unspe cified	BSD 3-clause "New" or	http://opus-codec.org	Copyright (c) 2007-2008 CSIRO

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		"Revised" License		Copyright (c) 2007-2010 Xiph.Org Foundation Copyright (c) 2008 Gregory Maxwell
pkgconf	Unspe cified	ISC License	http://github.com/pkgconf/ pkgconf/	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/de velopers/powervr-sdk- tools/installers/	
SDL	2	zlib License	http://www.libsdl.org/index. php	Copyright (C) 1997-2016 Sam Lantinga
SDL_gfx	Unspe cified	zlib License	http://sourceforge.net/proje cts/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/com p/sunriset.c	
tiny-AES128- C	20141 218	Public domian	http://github.com/kokke/tin y-AES128-C/	
wosh	Unspe cified	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

SI. No.	Name of OSS Comp onent	Version of OSS Compone nt	Name and Version of License (License text can be found in Appendix below)	More Information
1	Acl	2.2.53- 4co1bv20 19.0b1	LGPL-2.1+ Other licenses: FSF Public-domain X11 GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception	Copyright © 2011 Andreas Gruenbacher Copyright 1992-2018 Free Software Foundation, Inc. Copyright © 2018 Silicon Graphics, Inc.



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=========

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3. Are derivative works allowed?

Yes!

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

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- 6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions? Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.
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Preamble

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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

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.

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

4.106.zlib license

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

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- V3.0 03/08/2004 -Initial Version for sqlite3
- V3.1 16/09/2004 -Implemented getXXXXField using sqlite3 functions

-Added CppSQLiteDB3::tableExists()

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

12/07/2007 -Added int64 functions to CppSQLite3Query



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

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

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

-sqlite3_prepare replaced with sqlite3_prepare_v2

-Added Name based parameter binding to CppSQLite3Statement.

V3.3 02/14/2019 -Added CppSQLite3Statement(__sqlite3* pDB, __sqlite3_stmt* pVM);

CppSQLite3Statement::bind(int nParam, const sqlite_int64 nValue);

CppSQLite3Statement::bind(int nParam, const uint64_t nValue);

CppSQLite3Statement::Step()

CppSQLite3Statement::DoTransaction(const char *str)

CppSQLite3Statement::BeginTransaction()

CppSQLite3Statement::CommitTransaction()

CppSQLite3Statement::RollbackTransaction()

CppSQLite3DB::getDB()

CppSQLite3DB::RestoreOrBackupDb() by OBIGO

05/07/2019 -Modified CppSQLite3DB::CommitTransaction(const char *str = NULL) by OBIGO Page **547** of **548**



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

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