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4	LICENSE DETAILS:	
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7-Zip	201505 29, 9.20	Public Domain	http://www.7- zip.org/sdk.html	NO COPYRIGHTS CLAIMED
acl	2.2.52	GNU Lesser General Public License v2.1 or later	http://download.savann ah.gnu.org/releases/acl /acl-2.2.52.src.tar.gz	Copyright (C) 1999,2000,2002,2003,2007,2009,20 11 Andreas Gruenbacher <a.gruenbacher@comp uter.org>, Copyright (C) 2001-2002 Silicon Graphics, Inc. All Rights Reserved. Copyright (c) 2002 Silicon Graphics, Inc. All Rights Reserved. Copyright (C) SuSE Linux AG. Copyright (C) 1999-2002 Andreas Gruenbacher, <a.gruenbacher@bestbits.at> Copyright (C) 1999-2000 Andreas Gruenbacher, <a.gruenbacher@bestbits.at></a.gruenbacher@bestbits.at></a.gruenbacher@bestbits.at></a.gruenbacher@comp
openscenegra ph-wayland	3.2.3 3.2.0	OpenSceneGraph Public License,	http://www.opensceneg raph.org/	Copyright (C) 2002-2007, 2008 The Open Thread Group. Copyright (C) 1998-2006 Robert Osfield, Copyright (C) 2012 David Callu,Copyright (C) 2002 Tanguy Fautré, Copyright (C) 1991-2000 Silicon Graphics,

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AES	1.0	zlib License	http://www.lomont.org/ Software/Misc/AES/AE S.php	Copyright(C)2000-2005 Chris Lomont;
alsa-lib	1.0.29	GNU Lesser General Public License v2.1 or later	ftp://ftp.alsa- project.org/pub/lib/alsa- lib-1.0.29.tar.bz2 ftp://ftp.alsa- project.org/pub/lib	Copyright (c) 1998,2000,2001,2003,2004,2005,20 06,2010 by Jaroslav Kysela <perex@perex.cz>, Copyright (C) 2010 Red Hat Inc. Copyright (c) 2000,2001,2003 by Abramo Bagnara <abramo@alsa- project.org>,6Copyright (c)</abramo@alsa- </perex@perex.cz>

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alsa-plugins alsa-utils Android - platform - bootable -	1.1.8 1.0.29 Unspeci fied	GNU Lesser General Public License v2.1 or later GNU General Public License v2.0 or later	ftp://ftp.alsa-project.org/pub/plugins/alsa-plugins-1.0.29.tar.bz2 ftp://ftp.alsa-project.org/pub/utils/alsa-utils-1.0.29.tar.bz2 http://developer.android.com/index.html	1998,99,2000,2003,2004,2005,2007 by Takashi Iwai <tiwai@suse.de>, Copyright (C) 1992 by Stichting Mathematisch, Copyright (C) 2008-2010 SlimLogic Ltd, Copyright (c) 2013 by ADIT GmbH. Copyright (c) 2008 by Sjoerd Simons <sjoerd@luon.net>, Copyright (c) 2006 by Pierre Ossman <ossman@cendio.se>. Copyright (c) 1999-2000,2008,2010 by Jaroslav Kysela, Copyright (C) 2003 Greg Kroah- Hartman, Copyright (C) 2004-2006 Kay Sievers, Copyright (c) 2004-2006 Kay Sievers, Copyright (c) 1998,1999 Tim Janik, Copyright (c) 1874 Lewis Carroll, Copyright (c) 1874 Lewis Carroll, Copyright (C) 2008-2010 SlimLogic Ltd, Copyright (C) 1999-2000,2003 by Takashi Iwai, Copyright (C) 2000-2004 James Courtier-Dutton, Copyright (C) 2005 Nathan Hurst. Copyright (C) 2007 The Android Open Source Project;</ossman@cendio.se></sjoerd@luon.net></tiwai@suse.de>
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apmd	3.2.2	GNU General Public License v2.0 or later	ftp://ftp.debian.org/debi an/pool/main/a/apmd/a pmd_3.2.2.orig.tar.gz		ht (C)1996, 1997 Rickard E. iith@acm.org).
apparmor	2.11.0	GNU General Public License v2.0 only	http://archive.ubuntu.co m/ubuntu/pool/main/a/a pparmor/apparmor_2.1 1.0.orig.tar.gz	2002, 20 NOVELI Copyrig (All right 2010 Ca 2014-20 <appart (C) 2013 <kgupta Copyrig <appart (c) 2009 rights re 2015 Ca 2013 Ks <kgupta Copyrig Ltd. Cop Inc. (All 2009-20 2014 Ca 1999-20</kgupta </appart </kgupta </appart 	ht (c) 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007 L (All rights reserved), ht (c) 1999-2008 NOVELL ts reserved), Copyright 2009- anonical Ltd. Copyright (C) 2016 Christian Boltz nor@cboltz.de>, Copyright 3 Kshitij Gupta 8592@gmail.com>, ht (C) 2015 Christian Boltz nor@cboltz.de>; Copyright 2012 Canonical Ltd. (All 2012 Canonical Ltd. (All 2012 Canonical Ltd. (All 2012 Canonical Ltd. (All 2012 Canonical Ltd. (C) 2014 anonical Ltd. Copyright (C) 2015 Shitij Gupta 8592@gmail.com>, ht (c) 2008, 2009 Canonical, pyright (c) 2003-2008 Novell, rights reserved). Copyright 2008 NOVELL (All rights d). Copyright 2009-2010 cal Ltd.
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audiomanager	7.5.89	Mozilla Public License 2.0	http://git.projects.genivi. org/?p=AudioManager. git	Automot AG, Cop Bayerisc	nt(C)2012 Continental ive Systems, Inc,2012, BMW byright (C) 2015-2017 the Motoren Werke esellschaft (BMW AG),
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bash	3.2.57	GNU General Public License v2.0 or later	http://ftp.gnu.org/gnu/b ash/bash- 3.2.48.tar.gz;name=tar ball		nt (C) 1987,1989,1991,1993- ee Software Foundation, Inc
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binutils	2.17.50. 0.12 2.3,	GNU General Public License v2.0 or later GNU General	http://www.gnu.org/soft ware/binutils/ http://savannah.gnu.org	Copyrig 1994, 19 2000, 20 2006 Fre	ht (c) 1996, David Mazieres. ht 1990, 1991, 1992, 1993, 995, 1996, 1997, 1998, 1999 001, 2002, 2003, 2004, 2005 ee Software Foundation, Inc ht (C) 1984, 1986, 1989,	
DISOT	2.7.1, 3.0.2	Public License v2.0 or later	/projects/bison/	1992, 20	000, 2001, 2002, 2003, 2004 006 Free Software	
bluez	5.33 4.101	GNU General Public License v2.0 or later	http://kernel.org/pub/lin ux/bluetooth/bluez- 5.33.tar.xz	Corpora Copyrig	Copyright (C) 2006-2010 Nokia Corporation, Copyright (C) 2004-2010 Marcel Holtmann <marcel@holtmann.org>.</marcel@holtmann.org>	
Boost:boost	1.58.0 1.57.0 1.67.0	Boost Software License 1.0	http://downloads.sourc eforge.net/boost/boost_ 1_58_0.tar.bz2 http://downloads.sourc eforge.net/boost/boost_ 1_57_0.tar.bz2 http://downloads.sourc eforge.net/boost/boost_ 1_67_0.tar.bz2	2013 Mi Franz D	ht(C)Rene Rivera, 2008- crosoft Corporation, 2014 etro 2014	
bridge-utils	1.5	GNU General Public License v2.0 or later	http://downloads.sourc eforge.net/bridge/bridg e-utils-1.5.tar.gz	Copyrig Buytenh	ht (C) 2000 Lennert lek.	
Brotli	0.1.1	MIT License	https://github.com/goog le/brotli/	Google Copyrig	ht (C) 2013,2014,2015 Inc. All Rights Reserved. ht 2010 Google Inc. All Reserved	
btrfs-tools	4.1.2	GNU General Public License v2.0 only	git://git.kernel.org/pub/s cm/linux/kernel/git/kdav e/btrfs-progs.git	<andrea Copyrig Woodho</andrea 	ht(C) 1999 Andrea Arcange @suse.de>, ht (C) 2002 David puse 2@infradead.org>,	

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node-startup- controller	1.0.2	Mozilla Public License 2.0	git://git.projects.genivi.o rg/lifecycle/node- startup-controller.git	Copyrig	ht(C) 2012 GENIVI.	
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openssl:opens	1.0.2u	OpenSSL	http://www.openssl.org/	(c) 2000 1996 Jas 2013 Aris (c) 2003 1998 CO Argentina Song Copyrigh	qualcomm.com> , Copyright Andre Lucas, copyright (c) son Downs, Copyright (c) s Adamantiadis, Copyright Wesley Griffin Copyright (c) DRE SDI S.A., Buenos Aires a, Copyright (c) 1999 Dug
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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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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.

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However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

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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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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".)

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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.

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

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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.

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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 Page **152** of **542**

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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.

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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

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

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

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU Page **158** of **542**

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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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(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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base		2.0	oid.com/index.html	
Android - platform - packages -	android-8.0.0_r2	Apache License	http://developer.andr	
apps - Bluetooth		2.0	oid.com/index.html	
aosp-	android-n-iot-	Apache License	http://developer.andr	
mirror/platform_hardware_libhard ware	preview-4	2.0	oid.com/index.html	
Android - platform - frameworks -	android-7.0.0_r1	Apache License	http://developer.andr	
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Android - platform - external -	android-4.2.2_r1	Apache License	http://developer.andr	
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aosp-	android-o-	Apache License	http://developer.andr	
mirror/platform_hardware_libhard	preview-1	2.0	oid.com/index.html	
ware				
Android - platform - frameworks -	android-7.1.2_r1	Apache License	http://developer.andr	
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Android - platform - frameworks -	android-2.1_r1	Apache License	http://developer.andr	
base		2.0	oid.com/index.html	
Android - platform - frameworks -	android-o-	Apache License	http://developer.andr	
base	preview-2	2.0	oid.com/index.html	
CyanogenMod -	cm-10.2-M1	Apache License	http://developer.andr	
android_external_bluetooth_blued		2.0	oid.com/index.html	
roid				
aosp-	android-n-mr2-	Apache License	http://developer.andr	
mirror/platform_hardware_libhard ware	preview-1	2.0	oid.com/index.html	

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Android - platform - packages -	android-5.1.0_r1	Apache License	http://developer.an		
apps - Bluetooth		2.0	oid.com/index.html		
Android - platform - frameworks -	android-p-	Apache License	http://developer.an		
base	preview-1	2.0	oid.com/index.html		
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Android - platform - frameworks -	android-8.1.0_r2	Apache License	http://developer.an	dr	
base		2.0	oid.com/index.html		
aosp-	android-	Apache License	http://developer.an		
mirror/platform_hardware_libhard ware	6.0.1_r30	2.0	oid.com/index.html		
Android - platform - frameworks -	android-4.0.3_r1	Apache License	http://developer.and	dr	
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Android - platform - frameworks -	android-4.4_r0.7	Apache License	http://developer.an	dr	
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Android - platform - frameworks -	android-wear-n-	Apache License	http://developer.an		
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Android - platform - packages -	android-7.0.0_r1	Apache License	http://developer.an	dr	
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Android - platform - frameworks -	android-5.0.0_r2	Apache License	http://developer.an		
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Android - platform bluetooth - bluedr	oid	android-4.2_r1	Apache License 2.0	http://developer.andr oid.com/index.html	
Android - platform base		android- 6.0.1_r56	Apache License 2.0	http://developer.andr oid.com/index.html	
Android - platform apps - Bluetooth		android-4.4_r1	Apache License 2.0	http://developer.andr oid.com/index.html	
Android - platform base		android-7.0.0_r5	Apache License 2.0	http://developer.andr oid.com/index.html	
Android - platform base	- frameworks -	android-4.0.1_r1	Apache License 2.0	http://developer.andr oid.com/index.html	
Linux Kernel		v3.4-rc4	(GNU General Public License v2.0 only AND GNU General Public License v2.0 or later)	https://www.kernel.or g	
Android - platform base	- frameworks -	android-n- preview-4	Apache License 2.0	http://developer.andr oid.com/index.html	
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Android - platform apps - Bluetooth		android-6.0.0_r1	Apache License 2.0	http://developer.andr oid.com/index.html	
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3.2 Supplier : Android_OMR1

Supplier:Android_OMR1				
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ARM trusted firmaware BL31		BSD2		
AVB Media Clock Recovery Handler driver		GPL v2/MIT		

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AVB Media Stream	ning Engine	GPL v2/MIT		
driver				
AVB Streaming dri	iver	GPL v2/MIT		
boot_control		Apache v2		
device.renesas.co		Apache v2		
device.renesas.kin		Apache v2		
device.renesas.sa		Apache v2		
device.renesas.ulc		Apache v2		
Dynamic Trusted A	Application Note	BSD2		
evs		Apache v2		
gatekeeper		Apache v2		
HWComposer		Apache v2		
interfaces.graphics	s.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		
NetworkDisplayDe		Apache v2		
Oemlock		Apache v2		
OP-TEE (including API)	g TEE internal	BSD2		
OP-TEE Linux driv	ver	GPL v2/MIT		
Overview		Apache v2		
patch files for i2c-t	ools	GPL v2		
QoS driver		GPL v2/MIT		
QoS I/F		MIT		
R8A7795 GX6650 for Android	Device Driver	GPL v2/MIT		
R8A7796 GX6250 for Android		GPL v2/MIT		
Settings file of usb	fw	Apache v2		
si-tools		GPL v3		
		5050		

BSD2

GPL v2/MIT

SPI / HyperFlash driver

SS6.3-Public Driver for Linux

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Timer driver	BSD2	
U-Boot	GPL v2	
UVCS Driver for Android	GPL v2/MIT	
VSP Manager	GPL v2/MIT	
VSP Manager I/F	MIT	
VSPM I/F Driver	GPL v2/MIT	

3.3 Supplier : Apertis

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libseccomp	4bv2019.0b 1	Other licenses: Public Domain X11 GPL-2.0+-with- libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception	Copyright 2015 IBM Author: Jan Willeke Copyright 1992-2017 Free Software Foundation, Inc. Copyright (c) 2017 Red Hat Author: Paul Moore Copyright (c) 2015 Freescale Copyright (c)

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ХС-СТ	XC_CT_F	RN_AIVI_Scope 3.x	30 th March 2023
libselinux lz4	2.8-1ba1 1.8.3- 1bv2019.0b 1 6.1+201810 13- 2+deb10u1b v2019.0b1	GPL-2.0 Other licenses: Public Domain BSD-2-Clause GPL-2.0+ BSD-3-Clause Other licenses: MIT - Modern Public Domain FSFUL BSD-4-Clause-UC GPL V3 or later with autoconf exception	2014ImaginationTechnologiesLtd.Author:MarkosChandrasCopyright (C)1994 XConsortiumCopyright (C)2004 Red Hat,Inc., JamesMorris <jmorris@redh< td="">at.com>Copyright (C)Yann Collet2011-presentCopyright (C)1989, 1991Free SoftwareFoundation,Inc.Copyright (C)2016-present,PrzemyslawSkibinski,Yann ColletCopyright (c)2015, Louis P.SantillanCopyright (c)2015, Louis P.SantillanCopyright (c)2017,2018Free SoftwareFoundation,Inc.copyright (c)1998-2017,2018Free SoftwareFoundation,Inc.copyright (C)1998 BULL SACopyright (C)1994 XConsortiumCopyright (c)1994 XConsortiumCopyright (c)1994 XConsortiumCopyright (c)1994 XConsortiumCopyright (c)1992, 1993The Regentsof theUniversity ofCalifornia.Copyright:</jmorris@redh<>

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хс-ст	XC_CT_I	RN_AIVI_Scope 3.x	30 th March 2023
openssl	1.1.1d+from debian- 0+deb10u3b v2020.0b3	OpenSSL Other licenses: Cryptogams Public Domain GPL-2.0+ BSD-2-Clause Apache-2.0 LGPL-2.1+ GPL-2.0	2003- 2017,2018 by Thomas E. Dickey Copyright © 2001 by Pradeep Padala Dual License - OpenSSL & BSD-3-Clause openssl/crypto /x509v3/v3_pc ia.c openssl/crypto /x509v3/v3_pc i.c Dual License - OpenSSL & Cryptogams openssl/crypto /aes/asm openssl/crypto /chacha/asm/* openssl/crypto /md5/asm/md5 -sparcv9.pl openssl/crypto /modes/asm/* openssl/crypto /modes/asm/* openssl/crypto /modes/asm/* openssl/crypto /modes/asm/* openssl/crypto /modes/asm/* openssl/crypto /modes/asm/* openssl/crypto /modes/asm/* openssl/crypto /rc4/asm/* openssl/crypto /rc4/asm/* openssl/crypto /rc4/asm/* openssl/crypto /rc4/asm/ openssl/crypto /rc4/asm /* openssl/crypto /sha/asm openssl/crypto /sha/asm openssl/crypto /sha/asm openssl/crypto /aes/asm/aest 4-sparcv9.pl openssl/crypto /des openssl/crypto /LPdir_unix.c

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pam	1.3.1- 5co1bb1	BSD-3-Clause Other licenses: LGPL-2.0+ MIT ISC X11 Beerware License GPL-2.0+-with- libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with Bison exception GPL V3 or later with autoconf exception	Stockholm, Sweden). Copyright (C) 2003 Christoph Martin Copyright (C) 1995-1998 Eric Young (eay@cryptsof t.com). Copyright (C) 2004, 2005, 2007, 2008 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004 Copyright © 2007, 2008 Red Hat, Inc. All rights reserved. Red Hat author: Miloslav Trmač Copyright © 2004 Scott James Remnant Copyright Jan Rêkorajski, 1999. Copyright Alexander O. Yuriev, 1996. All rights reserved. Copyright 1999 by Theodore Ts'o. Copyright 1999 by Ben Collins Copyright 1995 by Wietse

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ХС-СТ	XC_CT_RN_AIVI_Scope 3.x		30 th March 2023	
pcre3	2:8.39- 12co1bv201 9.0b1	BSD-3-Clause Other licenses: GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception BSD-2-Clause X11 Public Domain GPL-2.0+-with- libtool-exception	Venema. Copyright 1989 - 1994, Julianne Frances Haugh All rights reserved. Copyright (c) Philip W. Dalrymple III 1997. Copyright (c) Cristian Gafton, 1996- 1997, Copyright (c) Andrew G. Morgan 1996- 8. Copyright (c) 2009 Thorsten Kukuk; Copyright (c) 2009 Thorsten Kukuk; Copyright (c) 2009 Thorsten Kukuk; Copyright (c) 2009 Soarren Tucker Copyright © 2012-2016 Zoltan Herczeg All rights reserved. Copyright © 2012-2015 Dan Nicholson Copyright © 2004 Scott James Remnant Copyright 2013-2013 Tilera Corporation(ji wang@tilera.c om). All rights reserved. Copyright 2009-2012 Zoltan Herczeg Copyright 2009-2012 Zoltan	

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sedgplv2	4.1.2- 8co5bv2019 0b2	GPL-2.0+ Other licenses:	onwards Google Inc. Author: Sanjay Ghemawat Copyright 1992-2015 Free Software Foundation, Inc Copyright (c) 2011 Daniel Richard G. Copyright (c) 2008 Steven G. Johnson Copyright (c) 2007-2012, Google Inc. All rights reserved. Copyright (c) 2001, Alexander Tokarev All rights reserved. Copyright (c) 1997-2016 University of Cambridge Copyright (C) 1994 X Consortium Copyright (C) 1999, 2000,
	.0b2	LGPL-2.0+ LGPL-2.1+ X11 Public Domain GFDL-1.1 GPL V2 or later with autoconf exception GPL V2 or later with texinfo exception GPL V2 or later with bison exception FSFUL	2001, 2002, 2003, 2004 Free Software Foundation, Inc. Copyright (C) 1995-1997, 2000, 2001 by Ulrich Drepper Copyright (C) 1994 X Consortium
systemd	2417~deb10u4c o1bv2020.0 b1	LGPL-2.1+ GPL-2.0+ MIT Other licenses: Public Domain	Dual License - GPL-2.0 WITH Linux-syscall- note & MIT

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	GPL-2.0 CC0-1.0 The Unlicense LGPL-2.04 GPL-2.0 WITH Linux-syscall-note	systemd/src/s hared/wiregua rd-netlink.h Dual License - BSD - 3 clause & GPL- 2.0 systemd/hwdb /pci.ids © 2015 Canonical Ltd. Author: Martin Pitt Copyright © SUSE Linux Products GmbH, 2006 Copyright © 2018 Neal Gompa Copyright © 2018 Neal Gompa Copyright © 2017 Max Resch Copyright © 2017 Intel Corporation. Copyright © 2017 Intel Corporation. Copyright © 2017 Felipe Sateler Copyright © 2016 Zeal Jagannatha Copyright © 2016 Zeal Jagannatha Copyright © 2016 Michal Soltys Copyright © 2016 Michael Karcher Copyright © 2016 Michael Karcher Copyright © 2016 Gabor Kelemen Copyright © 2016 Djalal Harouni Copyright © 2016 Canonical Ltd. Copyright ©

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ХС-СТ	XC_CT_I	XC_CT_RN_AIVI_Scope 3.x	
sysvinit	2.93- 8bv2019.0b 1	GPL-2.0+ Other licenses: GPL-2.0	Copyright on this file 1998 Danek Duvall. Copyright (c) 2011 SuSE LINUX Products GmbH, All rights reserved. Copyright (c) 2006 Red Hat, Inc. All rights reserved. Copyright (C) 2018 Jesse Smith Copyright (C) 2005 Miquel van
targplv2	1.17- 0co9ba1	GPL-2.0+ Other licenses: Public Domain GPL-1.0+ X11 LGPL-2.1+ GPL V2 or later with bison exception GPL-2.0-with- autoconf- exception GPL V2 or later with texinfo exception GPL V2 or later with autoconf exception	Smoorenburg. Copyright © 2004 Free Software Foundation, Inc. Copyright (C) 1994 X Consortium Copyright (C) 1983 Regents of the University of California. (C) Copyright 2013 Bdale Garbee
utillinux	2.33.1- 0.1co1bv20 20.0b1	exception GPL-2.0+ Other licenses: BSD-4-Clause-UC Public Domain MIT LGPL-2.1+ FSF BSD-3-Clause GPL-2.0 LGPL-2.0+ GPL-1.0+ ISC X11 GPL v3 or later with Bison	Copyright © Michael Piefel 2002, 2004, 2005, 2007, 2008. Copyright © Karel Zak copyright is claimed. This code is in the Public Domain; do with it what you wish. Copyright ©

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	exception GPL-2.0+-with- libtol-exception GPL V2 or later with autoconf exception GNU Libtol GPL V3 or later with exception FSFUL	2015 Free Software Foundation, Inc Copyright © 2014 Benjamin Weis Mario Blättermann;, 2014, 2015. Philipp Thomas 2014, 2015, 2017. Copyright © 2012-2015 Dan Nicholson Copyright © 2012 Arun Persaud; Copyright © 2011,2015,20 16 Philipp Thomas Copyright © 2004 Scott James Remnant Copyright © 2004 Nilgün Belma Bugüner. Copyright © 2004 Nilgün Belma Bugüner. Copyright © 2002-2018 Lauri Nurmi Copyright © 2001, 2002 Karl Eichwalder. Copyright © 2000–2001 Gunnar Ritter. Copyright © 1994–2002 Kevin E. Martin Copyright Red Hat Software, 1999, 2000 Copyright IBM Corp. 2016 Copyright 2017 Sami Kerola Copyright

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хс-ст	XC_CT_	30 th March 2023	
xzutils	5.2.4- 1bv2019.0b 1	Public Domain Other licenses: GPL-2.0+ LGPL-2.1+ GPL-2.0+-with- libtool-exception FSFUL GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception MIT	1998-2003Miquel vanSmoorenburgCopyright (C)1994-2005Jeff TranterCopyright (C)1994 XConsortiumConsortiumCopyright: ©2014, GoogleInc.Copyright: ©2008, StevenG. JohnsonCopyright: ©2003 FreeSoftwareFoundation,Inc. Authors:Bruno HaibleCopyright: ©1997-2007 byDimitri vanHeeschCopyright: ©1993, Jean-loup GaillyCopyright: 2010, MarekČernocký2010, AndreNoll 2011,Adrien NaderCopyright:2009-2010,Lasse CollinCopyright:2010, DanielMealhaCabritaCopyright:2009, AndrewDudman 2009,LasseCollinCopyright:2009, 2010,Gruppotraduzioneitaliano diUbuntu-it2010, Lorenzo

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хс-ст	хс_ст_	RN_AIVI_Scope 3.x	30 th March 2023	
yaji	2.1.0-3ba1	ISC	De Liso 2009, 2010, 2011, Milo Casagrande 2011, Jakub Bogusz Copyright (C) Michael D. Brennan Copyright (C) 2006 Timo Lindfors Copyright (C) 2005 Philipp Benner Copyright (C) 2004-2017 Bootstrap Authors Copyright (C) 1998, 1999, 2001 Henry Spencer. Copyright (C) 1994 X Consortium Copyright (C) 1993 Jean- loup Gailly Copyright (c) 2007-2014, Lloyd Hilaiel Copyright (c) 2010-2011 Florian Forster Copyright: 2011 John Stamp	

3.4 Supplier : CGI

Supplier: CGI				
Name of OSS Component	Version	License	Home Page	Copyrights
ANGLE		BSD 3-Clause		
		License		
Autodesk® FBX® SDK		Autodesk®		
		FBX® SDK		
		2014 License		
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AvalonDock	BSD 3-Clause		
	License		
AvalonEdit	LGPLv2.1		
Bitstream Vera Fonts	Bitstream Vera		
	Fonts Copyright		
BMFont	BMFont License		
DevIL Image Library	LGPLv2.1		
DotNetZip Library	Microsoft Public		
	License (Ms-PL)		
Extended WPF Toolkit	Microsoft Public		
	License (Ms-PL)		
EPPlus Library	LGPLv2.1		
Free Type Engine	Freetype Project License		
GLEW Library	MIT License		
Google Test	BSD 3-Clause		
Google Test	License		
GraphSharp	Apache 2.0		
chaphonaip	License		
HarfBuzz Text Shaping Engine /	HarfBuzz /		
UCDN - Unicode Database and	UCDN License		
Normalization			
ICU	ICU License		
json-cpp JSON reader and writer	Json-cpp		
in C++	License		
Libktx	Libktx License		
Libunibreak Library	Libunibreak		
LogANot	License		
Log4Net	Apache 2.0 License		
Median Cut algorithm (C Plus	Creative		
Plus)	Commons CC0		
	1.0 Universal		
Microsoft Unity Container	Microsoft Public		
-	License (Ms-PL)		
NCalc	MIT License.		
NEUQUANT Neural-Net	NEUQUANT		
quantization algorithm	Neural-Net		
	quantization		
	algorithm		
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BLAD Compressio			

RLAD Compression	RLAD	
	Compression	
	license	
SharpSvn (Subversion Client API	Apache 2.0	
for .Net)	License	
Unicode.org Bidi Reference	Unicode Inc.	
Implementation	License	
	Agreement	
WPF PropertyGrid Control	Apache 2.0	
	License	
Xerces-C++ XML Parser	Apache 2.0	
	License	
ZLIB Data Compression Library	ZLIB Data	
	Compression	
	Library License	
	Agreement	

3.5 Supplier : Escrypt

	Supplier : Escrypt					
Name of OSS	Versi	License	Home	Copyrights		
Component The ASN.1 Compiler	on asn1c - 0.9.2 1 asn1c - 0.9.2 6	BSD (Two Clause License)	Page	Copyright © 2003-2016 Lev Walkin <vlm@lionet.info> and contributors, Copyright © 2003, 2004 X/IO Labs, xiolabs.com</vlm@lionet.info>		
Base64_encode_decode _Stack overflow	2/16/ 2015	Creativecommons Attribution ShareAlike 3.0		© 2015 stack exchange inc		
libcurl	7.22	Curl License		Copyright (c) 1996 - 2016, Daniel Stenberg, daniel@haxx.se.		
libdbus	1.4.1 8	Academic Free License v2.1		Copyright (C) 2003-2004 Lawrence E. Rosen Copyright (C) 1989, 1991 Free Software Foundation, Inc.		

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abi	Android4.4	BSD-3-Clause	http://developer.and roid.com/index.html	Copyright (C) 2011 The Android Open Source Project All rights reserved.
adb	1.0.31	BSD-3-Clause AND Apache-2.0	http://developer.and roid.com/index.html	Copyright (c) 1988 Regents of the University of California. * All rights reserved. Copyright (c) 2006-2009, 2012 The Android Open Source Project Copyright 2006, Brian Swetland <swetland@frotz net></swetland@frotz
android-clat	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright 2010- 2012 Daniel Drown
applypatch	Android4.4	BSD-2-Clause AND Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2009 The Android Open Source Project
aprd	Android4.4	GPL-2.0-only	http://developer.and roid.com/index.html	
atrace	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2012 The Android Open Source Project
audioflinger	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (c) 2005-2009,2012 The Android Open Source Project
autotest	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2012,2014 The Android Open Source Project
bluedroid	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 1999-2012 Broadcom Corporation

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хс-ст		XC_CT_RN_AIVI_Scope 3.x		30 th March 2023	
bmgr	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (c) 2009, The Android Open Source Project	
bugreport	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2009 The Android Open Source Project	
busybox	1.17.1	GPL-2.0-only	http://developer.and roid.com/index.html	Copyright (C) 1998-2009 Erik Andersen, Rob Landley, Denys Vlasenko and others	
common_time	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (c) 2005-2008,2011- 2012 The Android Open Source Project	
compress_si mu	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2011 The Android Open Source Project	
connectivitym anager	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (c) 2013, The Android Open Source Project	
custom_mmi	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2016 The Android Open Source Project Copyright (C) 2016 SpreadTrum Inc.	
debuggerd	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2005-2008, 2011- 2012 The Android Open Source Project	
dhcp6	Android4.4	BSD-3-Clause AND ISC AND BSD- 4-Clause-UC AND Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 1998-2004 WIDE Project. All rights reserved.	
dhcpcd	5.5.6	BSD-2-Clause AND BSD-3-Clause AND ISC AND Apache-2.0	http://developer.and roid.com/index.html	Copyright (c) 1990, 1993 The Regents of the University of California. All	

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dnsmasq	2.51	GPL-2.0-or-later	http://developer.and roid.com/index.html	Copyright (C) 2000-2009 Simon Kelley
drmserver	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (c) 2005-2008,2010 The Android Open Source Project
dumpdata	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2008 The Android Open Source Project
dumpstate	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2008,2013 The Android Open Source Project
dumpsys	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2005-2008 The Android Open Source Project
e2fsprogs	1.41.14	GPL-2.0-or-later AND LGPL-2.0-or- later AND BSD-3-Clause AND MIT	http://developer.and roid.com/index.html	Copyright 1995, 1996, 1997,

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expat	2.1	MIT	http://developer.and	Information Processing Board Copyright (c)	
cxpat	2.1		roid.com/index.html	1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.	
factorytest	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2006,2007,2014 The Android Open Source Project Copyright (C) 2014 The CyanogenMod Project	
filterfw	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2011 The Android Open Source Project	
filterpacks	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2011 The Android Open Source Project	
framework- base-data	Android4.4	Apache-2.0	http://developer.and roid.com/index.html	Copyright (C) 2008 The Android Open Source Project copyright © 2007, Google Corporation.Regu larAscender - Droid Sans Version 1.00 copyright Google 2013 Google:Roboto: 2013Roboto RegularVersion 1.200310	

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1.7.0	BSD 3- clause "New" or "Revise d"	http://code.google.com/p/googlemock/		
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libzip	1.0.1	BSD 3- clause "New" or "Revise d" License	http://www.nih.at/libzip/		
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Logrotate Utility	3.9.1	GNU General Public License v2.0 or later	https://fedorahosted.org/logrotate/		
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luafilesystem	v_1_6_3	MIT License	http://github.com/keplerproject/luafilesystem/		
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		1111.9.//1131.9a150ku.01g	Domain	1.0	
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XZ Utils	5.0.4	Public Domain	http://tukaani.org/xz/			
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	Spplier: Nuance					
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GCC libstdc++	4.1.2 4.4.5	GNU General Public License v2.0 or later	http://gcc.gnu.org/libstdc++	Copyright © 1994 to 2009 Free Software Foundation, Inc.
Internal Android OS APIs	android2.3.3_ r1 android4.0.1_ r1 android4.1.1_ r1 android4.2.1_ r1 android4.3_r1 android4.4 r1	Apache License 2.0		Copyright 2005-2013, The Android Open Source Proje
JRTPLIB	3.9.1	MIT License	http://research.edm.uhasselt.be/~jori/.	
JThread	1.3.1	MIT License	http://research.edm.uhasselt.be/~jori/.	Copyright © 1999-2011 Ros Bencina and Phil Burk
keysymdef		MIT open group variant license Digital equipment license	/main/28	Copyright © 1987, 1994, 1998 The Open Group. Copyright © 1987 by Digital Equipment Corporation, Maynard, Massachusetts.
libjpegturbo	1.2.1	libjpeg license	http://sourceforge.net/projects/libjpegturbo/.	Copyright © 1991-2011 Thomas G. Lane, Guido Vollbeding, Pierre Ossman for Cendio AB, and D. R. Commander
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LibTomMath	0.39	Public domain	http://libtom.org	
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mxcfb.h		GNU Lesser General Public License v2.1 or later		Copyright 2004-2010 Freescale Semiconductor Inc. All right reserved.
OpenSSL	0.9.8zf	The OpenSSL Project license		Copyright © 1998-2011 The OpenSSL Project. See section 7.1.3.1. Copyright © 1995-1998 Eric Young. See section 7.1.3.2
portaudio	19	MIT	http://www.portaudio.com/.	Copyright © 1999-2011 Ro Bencina and Phil Burk.
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X Windows	XFree86 1.9	The Open group license Digital Equipment cooperatio n license Digital Equipment Corporatio n - Panoramix componen ts		Copyright © 1987, 1988, 1989, 1998 The Open Group. See section 7.1.1.1. Copyright © 1987, 1988, 1989 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.2. Copyright © 1991, 1997 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.3
Zlib	1.1.4	Zlib license		Copyright © 1995-2002 Jean- loup Gailly and Mark Adler. See section 7.1.2.
Zlib	1.2.3	Zlib license		Copyright © 1995-2005 Jean- Loup Gailly and Mark Adler.

3.11 Supplier : Redbend_SWM

Supplier: Redbend_SWM				
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action	0.1.1	Apache License 2.0	http://repo1.maven. org/maven2/com/nin g/metrics.action/	

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хс-ст		XC_CT_R	N_AIVI_Scope 3.x	30 th March 202
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 pe library/index.html	ort-
Android SDK Support Libraries	23.1.1	Apache License 2.0	https://developer.an droid.com/tools/sup po library/index.html	ort-
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-forAndroi	d/
doT	1.0.1	MIT License	http://github.com/ola do/doT/	
jquery	2.0.3	MIT License	http://github.com/jqu ery/jquery/	
jquery_mobile_rails	1.3.2	MIT License	http://rubygems.org/gems/jquery_mobile_r	ails
SafeSlinger- Android	1.8.3- messenger	MIT License	http://github.com/Sa feSlingerProject/Saf eSlinger-Android/	
OpenSSL	Generic Version	OpenSSL Combined License	http://www.openssl.org/	
CRC32 MIT.edu	Generic Version	Public Domain	http://web.mit.edu/	
SHA-1 in C	9/1/2001	Public Domain	http://www.mirrors.w iretapped.net/securit y/cryptography/hash es/sha1	
SyncML C Toolkit	4.0.3	SyncML License	http://sourceforge.n et/projects/syncmlctoolkit/	

3.12 Supplier : Redbend

	Supplier: Redbend					
Component	Version	License	Home Page	Copyright		
7 Zip - LZMA SDK	9.2	Public Domain	http://www.7-zip.org/sdk.html			
7 Zip - LZMA SDK	4.01	Public Domain.	http://sourceforge.net/projects/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	http://www.firstobject.com/dn_markup.htm			

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i		Developer License		
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Filesystem in Userspace	2.8.5	BSD 2-clause "Simplified" License	http://sourceforge.net/projects/fuse/	
Filesystem in Userspace	2.9.3	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/fuse/	
FreeBSD	2.2.2	BSD 4-clause "Original" or "Old" License	http://www.freebsd.org	
Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56xx	2.10 special edition	Commercial license		
GNU C Library - glibc	2.2.4	GNU Lesser General Public License v2.1 or later	http://www.gnu.org/software/libc/libc.ht	ml
Lawicel CAN USB sample code	0.1.8	Lawicel CAN USB sample code license	http://www.can232.com/?page_id=75	
libdivsufsort	2.0.0	MIT License	http://code.google.com/p/libdivsufsort/	
lz4	94	BSD 2-clause "Simplified" License	http://code.google.com/p/lz4/	
LZO real-time data compression library	2.04	Acquired commercial license	http://www.oberhumer.com/opensource	e/Izo/
MSDN Sample Code	vs.85	Microsoft Limited Public License (Ms- LPL)	http://msdn.microsoft.com/en-US/wind	ows/
NetBSD	6	BSD 3-clause "New" or "Revised" License	http://www.netbsd.org/	
UCL Data Compression Library	1.03	Acquired commercial license	http://www.oberhumer.com/opensourco	e/ucl/
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zlib	1.2.3	zlib License	http://www.zlib.net	

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3.13 Supplier : Teseo

Supplier: Teseo					
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3.14 Supplier : SK_telecom

		Su	oplier: 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/	
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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
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GSM 06.10 Lossy Speech Compression	Unspe cified	GSM License	http://kbs.cs.tu- berlin.de/~jutta/toast.html		992, 1993, 1994 by ner and Carsten
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/		c) 2007-2010 by pilleur and The uthors,
libogg	Unspe cified	BSD 3-clause "New" or "Revised" License	http://xiph.org/ogg/		c) 2002, Xiph.org
libxml2	Unspe cified	MIT license	http://xmlsoft.org/		
OpenGL- Examples	master - 20141 123	zlib License	http://github.com/progschj/O penGL-Examples/	Copyright (Progsch	c) 2012 Jakob
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Opus	Unspe cified	BSD 3-clause "New" or "Revised" License	http://opus-codec.org	Copyright (Xiph.Org F	c) 2007-2008 CSIRO c) 2007-2010 oundation c) 2008 Gregory
pkgconf	Unspe cified	ISC License	http://github.com/pkgconf/pk gconf/	Copyright (Miller	c) 1998 Todd C.
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PVRTC Library	Unspe cified	Unspecified	https://www.imgtec.com/dev elopers/powervr-sdk- tools/installers/		
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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/		
wosh	Unspe cified	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/wo sh/		C) 2002 Michael All rights reserved.

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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 Componen t	Name and Version of License (License text can be found in Appendix below)	More Information
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2.	Apertis pro- archiv e- keyrin g	0.2rb1bv20 20.0b1	GPL-2.0+	Copyright: 2012 RBEI Ltd.
3.	Appar mor	2.13.2- 10co2bv20 20preb3	GPL-2.0 <u>Other licenses:</u> LGPL-2.1 Public-domain X11 MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause	Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c) 1999, 2000, 2001, 2002, 2003 2004, 2005, 2006, 2007 NOVELL (All rights reserved) Copyright (C) 2013 Kshitij Gupta Copyright (C) 2009 John Dong Copyright (C) 2009 Dulmandakh Sukhbaatar Copyright (C) 2007 Andreas Gruenbacher Copyright (C) 2006 Volker Kuhlmann

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6.	base- files	10.3+deb1 0u3co4~v2 020.0bv20 20.0b1	GPL-2.0+ Other licenses: MPL-2.0 LGPL-2.1+ LGPL-2.0+ GFDL-1.3 CC0-1.0 BSD-3-Clause Artistic-1.0-Perl		001, 2002, 2007, 2008 Free	

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12.	Diffutil s- gplv2 dlt- daemo n	2:2.8.1- 18co3bb1 2.18.x-i49- 1rb1bv202 0.0b2	GPL-2.0+ Other licenses: LGPL-2.0+ NTP GPL V3 or later with autoconf exception GPL V2 or later with autoconf exception MPL-2.0 Other licenses: MIT	1988 Landon Curt Nol Copyright © 2010 Ros Canonical Ltd 2010 Copyright © Helge Kre 2018. Copyright © 2015 And Copyright © 2015 And Copyright © 2011 – 20 Interest Copyright © 2009 Mar Copyright © 2009 Mar Copyright © 2002-201 Copyright © 2002, Ma Copyright © 2002, Ma Copyright © 1994 X C Copyright I 1997-1998 Free Software Founda Copyright I 1996,1999 Consortium. Copyright I 1995-1997 Ulrich Drepper Copyright I 1994 X Co Copyright I 1994 X Co Copyright I 1994 X Co Copyright I 1994 X Co Copyright I 1994 X Co	A. Murdock hald S. Karr Copyleft (GNU) I & amp; Ronald S. Karr setta Contributors and eutzmann 2011, 2012, 2017, Ireas Henriksson elien Jarno D12 Software in the Public hoj Srivasta 2 Clint Adams tthew Wilcox onsortium 3, 2006-2007, 2009-2017 ation, Inc. 9 by Internet Software 7, 2000-2007, 2009-2010 by onsortium 5, 2007-2009 Acme, Inc. dvanced Driver Information WW AG 2015 Intel Corporation. 2015 ADIT. bogle, Inc. att Poettering	
14.	e2fspr ogs	1.44.5- 1+deb10u3 bv2020.0b 1	GPL-2.0+ LGPL-2.0+ Other licenses: NTP BSD-3-Clause LGPL-2.1+ Public-domain ISC Apache-2.0 GPL V3 or later with autoconf exception Free Software License FSF GPL V2 or later with texinfo exception GPL V2 or later with bison exception FSFUL	Processing Board Copyright 1999 Andre Copyright (C) 1995 Ga Copyright (C) Paul 'Re Copyright (C) Jeremy Copyright (C) 2003 VM Copyright (C) 1999 by Copyright (C) 1997 Ma Copyright (C) 1991, 19 Copyright 2017 The A Copyright (C) 2014 Or	994 Remy Card by MIT Student Information as Dilger adi Oxman usty' Russell 2000 Allison 2000-2006 Mware, Inc. Andries Brouwer ark Habersack 992 Linus Torvalds ndroid Open Source Project	

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

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V3.0	03/08/2004	-Initial Version for sqlite3
V3.1	16/09/2004	-Implemented getXXXXField using sqlite3 functions -Added CppSQLiteDB3::tableExists()
V3.2	01/07/2005 12/07/2007	-Fixed execScalar to handle a NULL result -Added CppSQLiteDB::IsAutoCommitOn() -Added int64 functions to CppSQLite3Query -Added Name based parameter binding to CppSQLite3Statement.
V3.3	02/14/2019	-Added CppSQLite3Statement(sqlite3* pDB,sqlite3_stmt* pVM); CppSQLite3Statement::bind(int nParam, const sqlite_int64 nValue); Page 50

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	CppSQLite3Statement::bind(int nParam, const uint64_	t nValue);	
	CppSQLite3Statement::Step()		
	CppSQLite3Statement::DoTransaction(const char *str)		
	CppSQLite3Statement::BeginTransaction()	CppSQLite3Statement::BeginTransaction()	
	CppSQLite3Statement::CommitTransaction()		
	CppSQLite3Statement::RollbackTransaction()		
	CppSQLite3DB::getDB()		
	CppSQLite3DB::RestoreOrBackupDb() by OBIGO		

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

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.3 thru 1.	5.2 1.2	1	995-1	999	CNF	RI	yes
1.6	1.5.2	200	0	CN	RI	no	
2.0	1.6	200	0	BeC)pen.c	om no	D
1.6.1	1.6	200	1	CN	RI	yes (2)
2.1	2.0+1.6	.1 2	001	Ρ	SF	no	
2.0.1	2.0+1.6	6.1 2	2001	F	PSF	yes	5
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2.1.2	2.1.1	20	02	PS	δF	yes	
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Modified files		
07/11/2019 Patch	ned "(URL : https://github.com/bdarnell/tornado/tree/cython)" by OBIGO	
- gen.py F	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 Ma	ake ArgReplacer compatible with cython.	
- web_test.py	Also cythonize as many of the tests as possible.	

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version 1.2.4, March 14th, 2010

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