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XC_CT	XC_CT_PRJ_RN_AIVI_Scope2.1	18th April 2023	

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GCC Runtime Library Exception 3.1 to GPL 3.0

Version 3.1, 31 March 2009

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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.

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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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principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

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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	



- 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
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Android - platform - frameworks	android-	Apache	http://developer.and
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apps - Bluetooth	android-4.5_11	License 2.0	roid.com/index.html
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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
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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
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# 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 API)	BSD2	
OP-TEE Linux driver	GPL v2/MIT	
Overview	Apache v2	
patch files for i2c-tools	GPL v2	
QoS driver	GPL v2/MIT	
QoS I/F	MIT	
R8A7795 GX6650 Device Driver for Android	GPL v2/MIT	
R8A7796 GX6250 Device Driver for Android	GPL v2/MIT	
Settings file of usb fw	Apache v2	
si-tools	GPL v3	
SPI / HyperFlash driver	BSD2	
SS6.3-Public Driver for Linux	GPL v2/MIT	
Timer driver	BSD2	
U-Boot	GPL v2	
UVCS Driver for Android	GPL v2/MIT	
VSP Manager	GPL v2/MIT	
VSP Manager I/F	MIT	
VSPM I/F Driver	GPL v2/MIT	

# 3.3. Supplier: Apertis

Supplier: Apertis				
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		License		
Autodesk® FBX® SDK		Autodesk®		
		FBX® SDK		
		2014 License		
		Agreement		
AvalonDock		BSD 3-Clause		
		License		
AvalonEdit		LGPLv2.1		
Bitstream Vera Fonts		Bitstream Vera		
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		Copyright		
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EPPlus Library		LGPLv2.1		
Free Type Engine		Freetype		
		Project License		
GLEW Library		MIT License		

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HarfBuzz Text Shaping Engine / UCDN - Unicode Database and Normalization	HarfBuzz / UCDN License	
ICU	ICU License	
json-cpp JSON reader and writer in C++	Json-cpp License	
Libktx	Libktx License	
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NCalc	MIT License.	
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SharpSvn (Subversion Client API for .Net)	Apache 2.0 License	
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3.5. Supplier: Escrypt

Supplier : Escrypt				
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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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	Supplier: LG Innotek					
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libstdc++	Android4.4	BSD-2-Clause AND MIT	http://developer.an droid.com/index.ht ml	Copyright (c) 1994 Hewlett- Packard Company Copyright (c) 1996,1997 Silicon Graphics

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				Computer Systems, Inc.
libsuspend	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2012 The Android Open Source Project
libsync	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright 2012 Google, Inc
libsysutils	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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libusbhost	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2010 The Android Open Source Project
libutils	Android4.4	BSD-2-Clause AND Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright 2012, The Android Open Source Project Copyright (c) 2005-2008, 2011-2012 The Android Open Source Project
libvideoeditor	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2005-2008,2011 The Android Open Source Project
lights	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2008 The Android Open Source Project
logcat	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2005-2008, The Android Open Source Project
logwrapper	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2005-2008, The Android Open Source Project
mdnsrespon der	320.10.80	Apache-2.0 AND BSD-3-Clause AND OpenSSL	http://developer.an droid.com/index.ht ml	Copyright (c) 1997-2006 Apple Computer, Inc. All rights reserved. Page <b>300</b> of <b>548</b>

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media	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2013, The Android Open Source Project
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mediaserver	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright 2005- 2008,2013 The Android Open Source Project
memtester	4	GPL-2.0-only	http://developer.an droid.com/index.ht ml	Originally by Simon Kirby <sim@stormix.c om=""> <sim@neato.or g=""> Version 2 by Charles Cazabon <charlesc- memtester@pyr="" opus.ca=""></charlesc-></sim@neato.or></sim@stormix.c>
misc_ctl	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2011 The Android Open Source Project
mksh	1.305	MirOS	http://developer.an droid.com/index.ht ml	mksh is covered by The MirOS Licence:
mtp	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2005-2008,2010 The Android Open Source Project
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openssl	1.1.0i	OpenSSL	http://developer.an droid.com/index.ht ml	
pm	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2007, The Android Open Source Project
powermanag er	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2011, The Android Open Source Project
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&gt;</pre></pre></pre></pre></pre>
pppd	2.4.3	BSD-like AND Apache-2.0 AND MIT	http://developer.an droid.com/index.ht ml	Copyright (c) 1984-2000 Carnegie Mellon University. All rights reserved.
reboot	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2013 The Android Open Source Project
ril	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2005-2008,2013 The Android Open Source Project
rild	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2005-2008, The Android Open Source Project
run-as	Android4.4	Apache-2.0	http://developer.an	Copyright (c)



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			ml	Open Source Project
sdcard	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2010 The Android Open Source Project
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softkeymaste r	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2012-2013 The Android Open Source Project
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sqlite	3.7.11	Public-domain	http://developer.an droid.com/index.ht ml	
srec	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	These files are Copyright 2007, 2008 Nuance Communication s, but released under the Apache2 License.
stlport	5	AFL-3.0 AND BSD-2-Clause AND Apache-2.0 AND MIT	http://developer.an droid.com/index.ht ml	Copyright 1994 Hewlett-Packard Company Copyright 1996,97 Silicon Graphics Computer Systems, Inc. Copyright 1997 Moscow Center for SPARC Technology.
svc	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2008, The Android Open Source Project
system- extras	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (c) 2005-2008, 2010, The Android Open Source Project
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system-vold	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2007-2008, 2010-2013 The Android Open Source Project
tinyalsa	Android4.4	BSD-3-Clause	http://developer.an droid.com/index.ht ml	Copyright 2011,2012 The Android Open Source Project
toolbox	Android4.4	BSD-2-Clause AND BSD-3- Clause	http://developer.an droid.com/index.ht ml	Copyright (c) 1988- 1989,1991,1993 , 1994 The Regents of the

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tremolo	0.07	BSD-3-Clause	http://developer.an droid.com/index.ht ml	Copyright (C) 2002-2009, Xiph.org Foundation Copyright (C) 2010, Robin Watts for Pinknoise Productions Ltd All rights reserved.
u-boot15	2015.07- gd46d0cf	GPL-2.0-or-later	http://developer.an droid.com/index.ht ml	(C) Copyright 2000 – 2013 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
ueventd	Android4.4	Apache-2.0	http://developer.an droid.com/index.ht ml	Copyright (C) 2010 The Android Open Source Project
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webrtc	Android4.4	BSD-3-Clause AND BSL-1.0 AND MIT	http://developer.an droid.com/index.ht ml	Copyright (c) 2011 The Chromium Authors. All rights reserved. Copyright (c) 2011 The WebRTC project authors. All Rights Reserved.
wpa_supplic ant_8	Android4.4	BSD-3-Clause AND MIT	http://developer.an droid.com/index.ht ml	Copyright (c) 2002-2013, Jouni Malinen <j@w1.fi> and contributors All Rights Reserved.</j@w1.fi>
zlib	1.2.8	Zlib	http://developer.an droid.com/index.ht ml	(C) 1995-2013 Jean-loup Gailly and Mark Adler

## 3.7. Supplier : Neusoft

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	BSD 3-	https://github.com/ShiftMediaProject/gnutls/tree/
AutoOpts			
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barebox	2016.05.	GNU	http://github.com/RobertCNelson/barebox/
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bison	3.0.2,	GNU	http://savannah.gnu.org/projects/bison/
	2.5	Genera	,, , ,, , ,, , ,, , ,, , ,, , ,, ,, ,, ,,
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Bob Jenkins - Hashing	Unspecif	Public	http://www.burtleburtle.net/bob/index.html
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Boost C++ Libraries -	1.59.0	Boost	http://boost.org/
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		v2.0 or later		
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/	
ConvertUTF.h	Unspecif ied	License for Unicod e	http://unicode.org/	
crda	3.18	ISC License	http://github.com/idor/crda/	
Das U-Boot - Universal Bootloader	Unspecif ied	GNU Genera I Public License v2.0 or later	http://www.denx.de/wiki/U-Boot/WebHome	
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	
dotzlib	Unspecif ied	Boost Softwar e License 1.0	https://github.com/madler/zlib/tree/master/contrib/dotzlib	
dt-utils	dt- utils_tes t	GNU Genera I Public License v2.0 or later	http://www.pengutronix.de/	
eCryptfs - ecryptfs- userspace	108	GNU Genera I Public License v2.0 or later	http://sourceforge.net/projects/ecryptfs/	
eudev	Unspecif ied	GNU Genera I Public License v2.0 or	http://github.com/gentoo/eudev/	

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		later	
Expat XML Parser -	Unspecif	MIT	http://www.libexpat.org/
libexpat	ied	License	
Filesystem in	2.9.4	GNU	http://sourceforge.net/projects/fuse/
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genshellopt	Unspecif	GNU	https://github.com/ShiftMediaProject/gnutls/tree/
	ied	Library	master/src/libopts
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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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GMP - GNU Multiple	6.0.0a	GNU	http://gmplib.org/
Precision Arithmetic		Genera	
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GNOME Network	1.0.10	GNU	http://www.gnome.org/projects/NetworkManager/
Manager		Genera	
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GNU C Library - glibc	Unspecif	later GNU	http://www.gnu.org/software/libc/libc.html
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GNU Get Text	0.15	GNU	http://www.gnu.org/software/gettext/
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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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libffi	3.2.1	Libffi	http://sourceware.org/libffi/	
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libgcrypt	Unspecif	GNU	http://www.gnupg.org	
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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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libmnl	Unspecif	GNU	http://www.netfilter.org/projects/libmnl/	
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libmount	Unspecif	GNU	https://github.com/karelzak/util-	
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libnftnl	Unspecif	GNU	http://www.netfilter.org/projects/libnftnl/
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libnl - Netlink Library	3.2.25	GNU	http://www.infradead.org/~tgr/libnl/
IIDIII NEUIIIK LIDIAIY	3.2.23	Lesser	Tittp://www.iiiiiadead.org/ tgi/iibiii/
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libnl - Netlink Library	1.1	GNU	http://www.infradead.org/~tgr/libnl/
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		I Public	
		License	
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liboil	0.3.16	BSD 2-	http://liboil.freedesktop.org/wiki/
		clause	
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		ied"	
libsmartcols	Unspecif	License GNU	https://gith.ub.com/korolzek/util
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		l Public	
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libsocketcan	0.0.10	GNU	http://www.pengutronix.de/software/libsocketcan/
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Libtasn1	3.2	GNU	http://www.gnu.org/software/libtasn1/
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		Genera	
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libtopas_test	Unspecif	Robert		
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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-	
	ied	clause	linux/tree/master/libuuid	
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libvehiclenetwork	Unspecif	Robert		
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libxml2	2.9.4	MIT	http://xmlsoft.org/	
		License	, , , , , , , , , , , , , , , , , , ,	
libzip	1.0.1	BSD 3-	http://www.nih.at/libzip/	
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		License		
Linux Kernel	4.0.9	GNU	http://www.kornol.org/	
Linux Kerriel	4.0.9		http://www.kernel.org/	
		Genera		
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		v2.0		
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Linux Kernel	4.0.9	v2.0 only GNU	http://www.kernel.org/	
Linux Kernel	4.0.9	v2.0 only GNU Genera	http://www.kernel.org/	
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Linux Kernel	4.0.9	v2.0 only GNU Genera	http://www.kernel.org/	
Linux Kernel	4.0.9	v2.0 only GNU Genera I Public	http://www.kernel.org/	
Linux Kernel	4.0.9	v2.0 only GNU Genera I Public License v2.0	http://www.kernel.org/	
		v2.0 only GNU Genera I Public License v2.0 only		
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/	
		v2.0 only GNU Genera I Public License v2.0 only Apache License		
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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	0.00	License	
opkg	0.3.0	GNU	https://git.yoctoproject.org/cgit/cgit.cgi/opkg/
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		License	
		v2.0 or	
		later	
PCRE	8.32	PCRE	http://sourceforge.net/projects/pcre/
		5	
		License	
PCSC Lite	Unspecif	BSD 3-	http://pcsclite.alioth.debian.org/
	ied	clause	
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		License	
Popt	1.15	X11	http://freshmeat.net/projects/popt/
		License	
ppp - Pauls PPP	Unspecif	GNU	http://ppp.samba.org/ppp/index.html
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ppp - Pauls PPP	2.4.7	GNU	https://ppp.samba.org/index.html
Package	2.4.1	Genera	https://ppp.samba.org/index.html
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protobuf	2.5.0	BSD 3-	http://code.google.com/p/protobuf/
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ReadLine Front-End	Unspecif	GNU	https://github.com/issuu/readline/tree/master/exa
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		License	
		v2.0 or	
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rsync	2.6.9	GNU	http://samba.anu.edu.au/rsync/
		Genera	
		I Public	
		License	
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S Trace	4.10	BSD 3-	http://sourceforge.net/projects/strace/
			Dago <b>217</b> of <b>E49</b>

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		clause	I	
		"New"		
		or		
		"Revise		
		d"		
		License		
siphash	Unspecif	Public	http://github.com/dchest/siphash/	
	ied	Domain		
smhasher	3090200	Public	http://code.google.com/p/smhasher/	
		Domain		
SQLite	3090200	Public	http://www.hwaci.com/sw/sqlite/index.html	
		Domain		
squashfs-tools	4.3	GNU	http://github.com/plougher/squashfs-tools/	
		Genera		
		l Public		
		License		
		v2.0 or		
systems	220	later	http://frandocktop.org/wiki/Coftware/avatared/	
systemd	228	GNU Lesser	http://freedesktop.org/wiki/Software/systemd/	
		Genera		
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Tiny Asynchronous	Unspecif	Beerwa	http://sourceforge.net/projects/adns/	
DNS lookup library	ied	re	γ το με συνο βουνο <b>γ</b> με σχουος τους τους σ	
		License		
TLSF	1.9	Public	http://tlsf.baisoku.org	
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UBIFS	Unspecif	GNU	http://www.linux-mtd.infradead.org/doc/ubifs.html	
	ied	Genera		
		I Public		
		License		
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		later		
uClibc - A C Library for	0.9.30.3	GNU	http://www.uclibc.org/	
Embedded Linux		Lesser		
		Genera I Public		
		License		
		v2.1 or		
		later		
USB Utils	007	GNU	https://www.kernel.org/pub/linux/utils/usb/usbutils	
	30.	Genera		
		l Public	[	
		License		
		v2.0 or		
		later		
USB-DFU	1.0	GNU	http://www.usb.org/home	
		Genera		
		I Public		
		License		
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		later	
usbnet	Unspecif	GNU	http://www.linux-usb.org/usbnet/
	ied	Lesser	
		Genera	
		I Public	
		License	
		v2.1 or	
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Util-Linux	2.27.1	GNU	http://freshmeat.net/projects/util-linux/
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util-unix-ng	Unspecif	GNU	http://userweb.kernel.org/~kzak/util-linux-ng/
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		I Public	
		License	
		v2.0 or	
		later	
Wide_Project	Unspecif	BSD 3-	http://www.wide.ad.jp/index.html
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	1.04	"New"	
		or	
		"Revise	
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		License	
wireless-tools	30	GNU	http://www.hpl.hp.com/personal/Jean_Tourrilhes/
		Genera	Linux/Tools.html
		I Public	
		License	
		v2.0 or	
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wpa_supplicant - IEEE	2.5	BSD 3-	http://hostap.epitest.fi/wpa_supplicant/
802.1X, WPA, WPA2,		clause	The surprise of the property
RSN, IEEE 802.11i		"New"	
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		"Revise	
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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	
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XC_CT	XC_CT_PRJ_RN_AIVI_Scope2.1	18th April 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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		"Revised"		
		License		
Base64.java	2.3.7	Public	http://iharder/sourceforge.net/current/jav	
		domain	a/b ase64	
compat-wireless	1027gd4641	GNU		
	6с-р	General		
		Public		
		License		
		v2.0 or		
EAX		later		Carright @ 1000 2010 Dr
EAX		Brian Gladman		Copyright © 1998-2010 Dr Brian Gladman,
		License		Worcester, UK.
Endian		Brian		Copyright © 2003 Dr Brian
Litalan		Gladman		Gladman, Worcester, UK.
		3-Clause		
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expat	2.0.1	MIT		Copyright © 1998,1999,
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				Clark Cooper.
				Copyright © 2001, 2002, 2003, 2004, 2005, 2006
				Expat maintainers.
ExtractMpeg		Apache	http://bigflake.com/mediacodec/ExtractM	Copyright 2013, The
Frames Test.		License	pe gFramesTest.java.txt	Android Open Source
iava		2.0	pe 8. rames recijaranski	Project
FreeType	2.5.5	FreeType	www.freetype.org	Portions of this software
		Project		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 Public		Free Software Foundation, Inc.
		License		IIIC.
		v2.0 or		
		later		
Internal Android	android2.3.3	Apache		Copyright 2005-2013, The
OS APIs	_r1	License		Android Open Source
	android4.0.1	2.0		Project
	_r1			
	android4.1.1			
	_r1 android4.2.1			
	_r1			
	android4.3			
	r1			
	android4.4_			
	r1			
JRTPLIB	3.9.1	MIT	http://research.edm.uhasselt.be/~jori/.	
		License		
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/libjpegturbo/.	Copyright © 1991-2011 Thomas G. Lane, Guido Vollbeding, Pierre Ossman for Cendio AB, and D. R. Commander
libpng	1.2.52	libpng license		Copyright © 2004 and 2006-2014 Glenn Randers-Pehrson
LibTomCrypt	1.16	Public domain	http://libtom.org	
LibTomMath	0.39	Public domain	http://libtom.org	
libudev	142 and 150	GNU Lesser General Public License v2.1 or later	http://www.kernel.org/pub/linux/utils/kernel/hotplug.	Copyright © 2008-2010 Key Sievers <key.sievers@vrfy.org> Copyright © 2009 Alan Jenkins <alanjenkins@tuffmail.co. uk&gt;</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.>
libusb	1	GNU Lesser General Public License v2.1 or later		
libusbx	1.0.12	GNU Lesser General Public License v2.1 or later		Copyright © 2001 Johannes Erdfelt <johannes@erdfelt.com> Copyright © 2007-2009 Daniel Drake <dsd@gentoo.org> Copyright © 2008-2011 Nathan Hjelm</dsd@gentoo.org></johannes@erdfelt.com>

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			Copyright (C) 1994, 1995,
			1996, 1999, 2000, 2001, 2002, 2004, 2005, 2006
			Free Software Foundation,
			Inc.
libxml2	2.9.1	MIT	Copyright © 1998-2012
		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, 2001, 2002, 2003, 2004, 2005, 2006, 2007,
			2004, 2003, 2000, 2007, 2008 Free Software
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			Copyright © 1987, 1993
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			University of California
LodePNG	20141130	Zlib	Copyright © 2005-2014
		license	Lode
			Vandevenne.
miniupnpc	1.5	Zlib	Copyright © 2005-2009
		license	and 2005-2011 Thomas
			Bernard
miniupnpc	1.5	BSD 3-	Copyright © 2005-2009
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		"New" or	Bernard. See section 7.1.20
		"Revised"	7.1.20
mxcfb.h		License GNU	Converget 2004 2010
HIXCID.II		Lesser	Copyright 2004-2010 Freescale
		General	Semiconductor Inc. All
		Public	rights reserved.
		License	ngno reserved.
		v2.1 or	
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OpenSSL	0.9.8zf	The	Copyright © 1998-2011
•		OpenSSL	The OpenSSL Project.
	•		Dago 232 of E49

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		Project license		See section 7.1.3.1. Copyright © 1995-1998 Eric Young. See section 7.1.3.2.
portaudio	19	MIT	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

Page **324** of **548** 

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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	
action	0.1.1	Apache License 2.0	http://repo1.maven. org/maven2/com/ning/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 / Amino and add the order of the pay is a second of the pay
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
OpenSSL	1.0.2	OpenSSL Combined License	http://www.openssl.org	
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.



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

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6.	base- files	10.3+deb 10u3co4~ v2020.0bv 2020.0b1	GPL-2.0+ Other licenses: MPL-2.0 LGPL-2.1+ LGPL-2.0+ GFDL-1.3 CC0-1.0 BSD-3-Clause Artistic-1.0-Perl Apache-2.0 GPL-2.0+ GPL-1.0+	Copyright (C) 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc.
7.	base- passw d	3.5.46co1 bv2019.0b 1	GPL-2.0+ Other licenses: GPL-2.0	Copyright: Copyright 1999-2002 Wichert Akkerman Copyright 2007 David Mandelberg Copyright 2002, 2003, 2004, 2005, 2007 Colin Watson Copyright 2002, 2003, 2004 Colin Watson Copyright 2001, 2002 Joey HessCopyright (C) of this file 2014 Chris Leick Copyright (C) Helge Kreutzmann. Copyright (C) 2010 Software in the Public Interest Copyright (C) 2010 Free Software Foundation, Inc. Copyright (C) 2004 Nicolas FRANCOIS
8.	Coreu tils	6.9- 0co11ba1	GPL-2.0+ Other licenses: Public-domain GPL V2 or later with autoconf exception GPL-2.0 BSD-3-Clause GFDL-1.2 ISC FSF X11 LGPL-2.1+ GPL V2 or later with bison exception GPL V2 or later with texinfo exception FSFUL	Copyright 1991-2004 Miquel van Smoorenburg Copyright 1989, 1991-2016 Free Software Foundation, Inc. Copyright (c) 1996-1999 by Internet Software Consortium. Copyright (c) 1990, 1993, 1994 The Regents of the University of California. All rights reserved. Copyright (C) 2004, 2006 Simon Josefsson Copyright (C) 2000-2005 Pavel Roskin; Initially written by Tom Tromey Completely rewritten by Pavel Roskin Copyright (C) 1997, 1998, 1999 Colin Plumb. Copyright (C) 1995-1997, 2000-2006 by

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S.   dash   0.5.10.2-0   Sco1bv20   Other licenses: GPL-2.0+ Public-domain   GPL V2 or later with autoconf exception   X11   FSFUL   Copyright (C) 1995 The Regents of the University of California.   Copyright (C) 2009 Martin Bagge   Copyright (C) 2012 Price Software   Foundation, Inc.   Copyright (C) 2019 Martin Bagge   Copyright (C) 2011 Martin Copyright (C) 2019 Martin Bagge   Copyright (C) 2017 Martin Mart					Copyright (C) 1994 X Consortium
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Public-domain GPL V2 or later with autoconf exception X11 FSFUL  10. dbus 1.12.20- 0+deb10u 1bv2020.0 b3  BSD-3-Clause MIT GPL V3 or later with autoconf exception FSF TCL LGPL-2.1+ AFL-2.0 Public-domain  Public-domain  Ocpyright © 2014-2015 Coanonical, Ltd. Copyright © 2013 Intel Corporation Copyright 2004 Robert Shearman Copyright 2012 Vokia Corporation Copyright 1992-2018 Free Software Foundation, Inc. Copyright © 2017-2012 Nokia Corporation Copyright 2011-2012 Nokia Corporation Copyright 2012 2015 Polebara Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2017, 2018 Reini Urban Copyright (c) 2015 Philip Withmall Copyright (c) 2015 Enrico M. Crisostomo Copyright (c) 2015 Enrico M. Crisostomo Copyright (c) 2018 Rali Habacker, Copyright (c) 2018 Ali Habacker, Copyright (c) 2018 Ali Habacker, Copyright (c) 2008 Laurent Montel, Copyright (c) 2008 Laurent Montel, Copyright (c) 2008 Laurent Montel, Copyright (c) 2008 Laurent Montel, Copyright (c) 2008 Laurent Montel, Copyright (c) 2008 John Darrington Copyright (c) 2008 Laurent Montel, Copyright (c) 2008 John Darrington Copyright (c) 2008 John Darrington Copyright (c) 2008 Laurent Montel, Copyright (c) 2008 John Darrington Copyright (c) 2008 John Darrington Copyright (c) 2009 Klaralvdalens Datakonsult AB, a KDAB Group company, info@kdab.net Copyright (C) 2009 Johns Bail Copyright (C) 2009 Ral Habacker Copyright (C) 2007 Ralf Habacker C					
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=========

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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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- # github.com/kanyawtech/myanmar-karen-word-lists

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

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

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

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

Release	Deriv	ed Y	ear	Owne	er G	iPL-
	from			comp	atible?	(1)
0.9.0 thru	1.2	199	1-1995	CWI	ye	es
1.3 thru 1.	.5.2 1.2	19	95-1999	) CNF	RI :	yes
1.6	1.5.2	2000	CN	IRI	no	
2.0	1.6	2000	BeC	Open.c	om no	)
1.6.1	1.6	2001	CN	IRI	yes (2	2)
2.1	2.0+1.6	.1 200	1 F	PSF	no	
2.0.1	2.0+1.6	6.1 20	01	PSF	yes	
2.1.1	2.1+2.0	0.1 20	01	PSF	yes	
2.1.2	2.1.1	2002	PS	SF	yes	
2.1.3	2.1.2	2002	PS	SF	yes	
2.2 and al	bove 2.1	1.1 2	2001-no	w PS	SF	yes

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Modified files

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

- gen.py Fix coroutines in cython-compiled code
- gen\_test.py Add a complier directive to get gen\_test (mostly) working when cythonized
- options.py Work around cython incompatiblities in options.py
- options\_test.py Work around cython incompatiblities in options.py
- util.py Make ArgReplacer compatible with cython.
- 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** 



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

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