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1 List of used Open-Source Components.

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3	AES	1.0	zlib License	http://www.lomont.org/Software/Misc/AES/AES.php	Copyright (C) 2000-2005 Chris Lomont
4	alsa-lib	1.0.29	GNU Lesser General Public License v2.1 only	https://github.com/alsa-project/alsa-lib/tree/v1.0.29	Copyright (c) 1998 -2001 by author Jaroslav Kysela <perex@perex.cz>,Abramo Bagnara <abramo@alsa-

					project.org>,Takashi Iwai <tiwai@suse.de>
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v.2.1

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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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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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

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

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

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

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

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

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

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

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

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

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

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

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

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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55.	yajl	2.1.0-3co1+apertispro0bv2021.0b1	**ISC**	

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Google Test	1.6.0	BSD 3-Clause "New" or "Revised " License	http://code.google.com/p/googletest/	Copyright (C) 2003,2005,2006,2007,2008,2009 Google Inc.All Rights Reserved
HarfBuzz	1.7.4	MIT License	http://harfbuzz.org/	Copyright © 2004,2007,2008,2009,2010 Red Hat, Inc., Copyright © 2011 Codethink Limited, Copyright © 2010,2011,2012 Google, Inc
libunibreak	2.1	zlib License	http://vimgadgets.sourceforge.net/libunibreak/	Copyright (c) 2008-2011 Wu Yongwei Copyright (c) 2012 Tom Hacohen
lua	5.3.4	Lua 5.0 License	http://www.lua.org/	Copyright (C) 1994-2017 Lua.org, PUC-Rio
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NEUQUANT Neural-Net quantization algorithm	Unspecified	NEUQUANT Neural-Net quantizat	http://members.ozemail.com.au/~dekker/NEUQUANT.HTML	Copyright (c) 1994 Anthony Dekker Copyright (C) Candera GmbH

		ion algorithm license		
RBTree.cpp	Unspecified	Public Domain	https://github.com/anandarao/Red-Black-Tree/blob/master/RBTree.cpp	Copyright (C) Candera GmbH
BidiReferencecpp	26	Unicode Terms of Use (Unicode-TOU)	http://www.unicode.org/Public/PROGRAMS/BidiReferenceCpp/	Copyright © 1991-2010 Unicode
ZLIB	1.2.8	zlib License	http://tracker.debian.org/pkg/zlib	1995-2013 Jean-loup Gailly and Mark Adler
litehtml	Unspecified			

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Supplier : Escrypt				
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The ASN.1 Compiler	asn1c-0.9.26	BSD (Two Clause License)		Copyright © 2003-2016 Lev Walkin <vlm@lionet.info> and contributors, Copyright © 2003, 2004 X/IO Labs, xiolabs.com
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	1.4.18	Academic Free License v2.1		Copyright (C) 2003-2004 Lawrence E. Rosen Copyright (C) 1989, 1991 Free Software Foundation, Inc.

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

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applypatch	Android4.4	BSD-2-Clause AND Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009 The Android Open Source Project
aprd	Android4.4	GPL-2.0-only	http://developer.android.com/index.html	
atrace	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
audioflinger	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2009,2012 The Android Open Source Project
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bugreport	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2009 The Android Open Source Project
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debuggerd	Android4.4	Apache-2.0	http://developer.android.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.android.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.android.com/index.html	Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 2006-2008 Roy Marples <roy@marples.name> All rights reserved Copyright 2006-2012 Roy Marples

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drmserver	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2010 The Android Open Source Project
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dumpsys	Android4.4	Apache-2.0	http://developer.android.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.android.com/index.html	Copyright 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o. Copyright 1990, 1991, 1992 Free Software

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factorytest	Android4.4	Apache-2.0	http://developer.android.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.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
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framework-native-data	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2006-2013 The Android Open Source Project
freetype	2.4.2	FTL AND MIT	http://developer.android.com/index.html	Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg Copyright (C)

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gcc-demangle	4.6	GPL-2.0-or-later AND LGPL-2.0-or-later	http://developer.android.com/index.html	Copyright 1992, 1993, 1994, 1995, 1996, 1997, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010 ↑ Free Software Foundation, Inc. Copyright ↑ (C) 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Free Software Foundation, Inc. Written by Ian Lance Taylor <ian@wasabisystems.com>.
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iptables	1.4.20	GPL-2.0-or-later AND Artistic-2.0	http://developer.android.com/index.html	(C) 1999-2006 by the netfilter coreteam <coreteam@netfilter.org>: Paul 'Rusty' Russell <rusty@rustcorp.com.au> Marc Boucher <marc+nf@mbsi.

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liblog	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project

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libmtp	1.0.1	LGPL-2.0-or-later	http://developer.android.com/index.html	Copyright (C) 2005-2009 Linus Walleij <triad@df.lth.se> Copyright (C) 2005-2008 Richard A. Low <richard@wentnet.com>

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libnativehelper	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
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libnetutils	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
libnfc-nxp	1.1	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 NXP Semiconductors
libnl	2	LGPL-2.0-only AND GPL-2.0-or-later	http://developer.android.com/index.html	Copyright (c) 2003-2009 Thomas Graf <tgraf@suug.ch>
libpng	1.2.46	Libpng	http://developer.android.com/index.html	Copyright 2000, Willem van Schaik. This code is released under

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libstdc++	Android4.4	BSD-2-Clause AND MIT	http://developer.android.com/index.html	Copyright (c) 1994 Hewlett-Packard Company

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libvideoeditor	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2011 The Android Open Source Project
lights	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2008 The Android Open Source Project
logcat	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
logwrapper	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The

				Android Open Source Project
mdnsresponder	320.10.80	Apache-2.0 AND BSD-3-Clause AND OpenSSL	http://developer.android.com/index.html	Copyright (c) 1997-2006 Apple Computer, Inc. All rights reserved.
media	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2013, The Android Open Source Project
medialog	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2013 The Android Open Source Project
mediaserver	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2005-2008,2013 The Android Open Source Project
memtester	4	GPL-2.0-only	http://developer.android.com/index.html	Originally by Simon Kirby <sim@stormix.com> <sim@neato.org> Version 2 by Charles Cazabon <charlesc-memtester@pyropus.ca>
misc_ctl	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
mksh	1.305	MirOS	http://developer.android.com/index.html	mksh is covered by The MirOS Licence:
mtp	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2010 The Android Open Source Project
mtpd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2009, The Android Open Source Project
netcfg	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The

				Android Open Source Project
netd	1.4.20	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2005, 2007-2008, 2010-2013 The Android Open Source Project
neven	Android4.4	Apache-2.0	http://developer.android.com/index.html	Neven Code. Copyright (C) 2008 The Android Open Source Project
nv_exchange	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
nxppa	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
omx-core	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011 The Android Open Source Project
opengl	Android4.4	MIT AND Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007-2013 The Khronos Group Inc.
openssl	1.1.0i	OpenSSL	http://developer.android.com/index.html	
pm	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2007, The Android Open Source Project
powermanager	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2011, The Android Open Source Project
ppp	2.4.7	BSD-like	http://developer.android.com/index.html	This product includes software developed by Paul Mackerras <paulus@samba.org>
pppd	2.4.3	BSD-like AND Apache-2.0 AND MIT	http://developer.android.com/index.html	Copyright (c) 1984-2000 Carnegie Mellon

				University. All rights reserved.
reboot	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2013 The Android Open Source Project
ril	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008,2013 The Android Open Source Project
rild	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, The Android Open Source Project
run-as	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, 2010 The Android Open Source Project
schedtest	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright 2008 The Android Open Source Project
sdcard	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project
sensorservice	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2010-2012, The Android Open Source Project
sh	Android4.4	BSD-3-Clause AND BSD-4-Clause-UC	http://developer.android.com/index.html	Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 1997 Christos Zoulas. All rights reserved. Copyright (c) 2003 The NetBSD Foundation, Inc. All rights reserved.

				Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved.
skia	Android4.4	Apache-2.0 AND OFL-1.1 AND BSD-3-Clause AND SGI-B-2.0	http://developer.android.com/index.html	Copyright 2009,2010 The Android Open Source Project
smart_amp	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012-2015, The Linux Foundation. All rights reserved.
softkeymaster	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012-2013 The Android Open Source Project
sonivox	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2004-2006 Sonic Network Inc.
speex	1.2 rc1	BSD-3-Clause	http://developer.android.com/index.html	Copyright (C) 2002-2008 Jean-Marc Valin Copyright (C) 2002 Jean-Marc Valin & David Rowe Copyright (C) 2003 Epic Games Copyright (C) 2003 Epic Games (written by Jean-Marc Valin) Copyright (C) 2004-2006 Epic Games Copyright (C) 2005 Analog Devices Copyright (C) 2005 Jean-Marc Valin, CSIRO, Christopher Montgomery

				Copyright (C) 2006 David Rowe Copyright (C) 2006-2008 CSIRO, Jean-Marc Valin, Xiph.Org Foundation Copyright (C) 2008 Thorvald Natvig Copyright (c) 2003-2004, Mark Borgerding Copyright (c) 2005-2007, Jean-Marc Valin Copyright (C) 2011 Jyri Sarha, Texas Instruments Copyright 1992, 1993, 1994 by Jutta Degener and Carsten Bormann, Technische Universitaet Berlin
sqlite	3.7.11	Public-domain	http://developer.android.com/index.html	
srec	Android4.4	Apache-2.0	http://developer.android.com/index.html	These files are Copyright 2007, 2008 Nuance Communications, but released under the Apache2 License.
stlport	5	AFL-3.0 AND BSD-2-Clause AND Apache-2.0 AND MIT	http://developer.android.com/index.html	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.android.com/index.html	Copyright (c) 2008, The Android Open Source Project
system-extras	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (c) 2005-2008, 2010, The Android Open Source Project
system-media	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2011-2014 The Android Open Source Project
system-vold	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2007-2008, 2010-2013 The Android Open Source Project
tinyalsa	Android4.4	BSD-3-Clause	http://developer.android.com/index.html	Copyright 2011,2012 The Android Open Source Project
toolbox	Android4.4	BSD-2-Clause AND BSD-3-Clause	http://developer.android.com/index.html	Copyright (c) 1988-1989,1991,1993, 1994 The Regents of the University of California. All rights reserved. Copyright (c) 2008-2010, 2012-2013 The Android Open Source Project All rights reserved. Copyright (c) 1998-1999 Robert Nordier All rights reserved. Copyright (c) 1999 James Howard and Dag-

				Erling Copyright (C) 2008-2010 Gabor Kovesdan <gabor@FreeBSD.org> All rights reserved. Copyright (C) 2010 Dimitry Andric <dimitry@andric.com> All rights reserved.
tremolo	0.07	BSD-3-Clause	http://developer.android.com/index.html	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.android.com/index.html	(C) Copyright 2000 – 2013 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
ueventd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project
vb_effect	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
vb_pga	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
volte (VideoCall)	Android4.4	Apache-2.0 AND MIT	http://developer.android.com/index.html	Copyright (C) 2010 The Android Open Source Project Copyright 2004-2006 Aaron

				Voisine <aaron@voisine.org>
watchdogd	Android4.4	Apache-2.0	http://developer.android.com/index.html	Copyright (C) 2012 The Android Open Source Project
webrtc	Android4.4	BSD-3-Clause AND BSL-1.0 AND MIT	http://developer.android.com/index.html	Copyright (c) 2011 The Chromium Authors. All rights reserved. Copyright (c) 2011 The WebRTC project authors. All Rights Reserved.
wpa_supplicant_8	Android4.4	BSD-3-Clause AND MIT	http://developer.android.com/index.html	Copyright (c) 2002-2013, Jouni Malinen <j@w1.fi> and contributors All Rights Reserved.
zlib	1.2.8	Zlib	http://developer.android.com/index.html	(C) 1995-2013 Jean-loup Gailly and Mark Adler

3.5.Supplier : Neusoft

Supplier:Neusoft				
Component	**Version**	**License**	**Home Page**	**Copyright**
Attr	2.4.47	GNU Lesser General Public License v2.1 or later	http://savannah.nongnu.org/projects/attr	
AutoOpts	Unspecified	BSD 3-clause "New" or	https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts	

		"Revised" License		
barebox	2016.05.0	GNU General Public License v2.0 or later	http://github.com/RobertCNelson/barebox/	
Berkeley	Unspecified	BSD 3-clause "New" or "Revised" License	http://www.berkeley.edu/	
Berkeley_test	Unspecified	BSD 3-clause "New" or "Revised" License	http://www.berkeley.edu/	
bison	3.0.2, 2.5	GNU General Public License v3.0 or later with Bison exception 2.2	http://savannah.gnu.org/projects/bison/	
Bob Jenkins - Hashing	Unspecified	Public Domain	http://www.burtleburtle.net/bob/index.html	
Boost C++ Libraries - boost	1.59.0	Boost Software License 1.0	http://boost.org/	
BusyBox	1.24.1,1.23.2	GNU General Public License v2.0 or later	http://www.busybox.net	
Bzip2	1.0.6	Bzip2 License	http://www.bzip.org/	

CANUTIL	4.0.6	GNU General Public License v2.0 or later	http://www.pengutronix.de/software/socket-can/download/canutils/v4.0/	
ConvertUTF.h	Unspecified	License for Unicode	http://unicode.org/	
crda	3.18	ISC License	http://github.com/idor/crda/	
Das U-Boot - Universal Bootloader	Unspecified	GNU General Public License v2.0 or later	http://www.denx.de/wiki/U-Boot/WebHome	
D-Bus	1.10.2	Academic Free License v2.1	http://www.freedesktop.org/wiki/IntroductionToDBus	
dbus-glib	0.104	Academic Free License v2.1	http://www.freedesktop.org/wiki/Software/dbus	
dotzlib	Unspecified	Boost Software License 1.0	https://github.com/madler/zlib/tree/master/contrib/dotzlib	
dt-utils	dt-utils_test	GNU General Public License v2.0 or later	http://www.pengutronix.de/	
eCryptfs - ecryptfs-userspace	108	GNU General Public License v2.0 or later	http://sourceforge.net/projects/ecryptfs/	
eudev	Unspecified	GNU General Public License v2.0 or later	http://github.com/gentoo/eudev/	

Expat XML Parser - libexpat	Unspecified	MIT License	http://www.libexpat.org/	
Filesystem in Userspace	2.9.4	GNU General Public License v2.0 or later	http://sourceforge.net/projects/fuse/	
genshellopt	Unspecified	GNU Library General Public License v2 or later	https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts	
gkernel - rng-tools	5	GNU General Public License v2.0 or later	http://sourceforge.net/projects/gkernel/	
Glib	2.46.0	GNU Library General Public License v2 or later	https://developer.gnome.org/glib/	
GMP - GNU Multiple Precision Arithmetic Library	6.0.0a	GNU General Public License v2.0 or later	http://gmplib.org/	
GNOME Network Manager	1.0.10	GNU General Public License v2.0 or later	http://www.gnome.org/projects/NetworkManager/	
GNU C Library - glibc	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.gnu.org/software/libc/libc.html	

GNU Get Text	0.15	GNU General Public License v2.0 or later	http://www.gnu.org/software/gettext/	
GNU gettext	0.18.2	GNU Library General Public License v2 or later	http://savannah.gnu.org/projects/gettext/	
GnuTLS	3.3.13	GNU Lesser General Public License v2.1 or later	http://savannah.gnu.org/projects/gnutls/	
googlemock	1.7.0	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/googlemock/	
Gstreamer	0.10.36	GNU Library General Public License v2 or later	http://gstreamer.freedesktop.org/modules/	
GSTREAMER PLUGINS-BASE	0.10.36	GNU Lesser General Public License v2.1 or later	http://gstreamer.freedesktop.org/src/gst-plugins-base/	
hostapd - IEEE 802.11 AP & IEEE 802.1X/WPA/WPA2/EAP/RADIUS Authenticator	2.5	BSD 3-clause "New" or "Revised" License	http://hostap.epitest.fi/hostapd/	

htop	1.0.3	GNU General Public License v2.0 or later	http://github.com/hishamhm/htop/	
IDEA_FUNCTION	Unspecified	MIT v2 with Ad Clause License	https://github.com/ShiftMediaProject/libgcrypt/tree/master/cipher	
imx_usb_loader	Unspecified	GNU Lesser General Public License v2.1 or later	http://github.com/boundarydevices/imx_usb_loader/	
Info-Zip	3.0	Info-ZIP Updated License	http://www.info-zip.org/pub/infozip/Zip.html	
Iperf	2.0.5	Iperf License	http://sourceforge.net/projects/iperf/	
IPTables	1.4.21	GNU General Public License v2.0 or later	http://www.netfilter.org/	
ISC DHCP	4.1.2	ISC License	http://www.isc.org/software/dhcp/	
iw-ct	3.14	ISC License	http://github.com/greearb/iw-ct/	
jquery	Unspecified	MIT License	http://github.com/jquery/jquery/	
keyutils	1.5.9	GNU General Public License v2.0 or later	http://people.redhat.com/~dhowells/keyutils/	
Kmod_Linux	22	GNU General 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 "Revised" License	http://sites.google.com/site/fullycapable/	
libboost	Unspecified	Boost Software License 1.0		
libbtserviceapi	Unspecified	Unspecified		
libbtserviceapi	Unspecified	Robert Bosch Proprietary		
libetrace	Unspecified	Robert Bosch Proprietary		
libffi	3.2.1	Libffi License	http://sourceware.org/libffi/	
libgcrypt	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.gnupg.org	
libgcrypt_GPL	1.7.6	GNU General Public License v2.0 or later	https://github.com/ShiftMediaProject/libgcrypt/tree/libgcrypt-1.7.6	
Libgpg-error Lib	1.20	GNU Lesser General Public License v2.1 or later	http://www.gnupg.org/	
libgudev	230	GNU Library	https://wiki.gnome.org/Projects/libgudev	

		General Public License v2 or later		
libmnl	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.netfilter.org/projects/libmnl/	
libmount	Unspecified	GNU Lesser General Public License v2.1 or later	https://github.com/karelzak/util-linux/tree/master/libmount	
libndp	libndp_test1	GNU Lesser General Public License v2.1 or later	http://libndp.org/	
libnftnl	Unspecified	GNU General Public License v2.0 or later	http://www.netfilter.org/projects/libnftnl/	
libnl - Netlink Library	3.2.25	GNU Lesser General Public License v2.1 or later	http://www.infradead.org/~tgr/libnl/	
libnl - Netlink Library	1.1	GNU Lesser General Public License v2.1 or later	http://www.infradead.org/~tgr/libnl/	
liboil	0.3.16	BSD 2-clause	http://liboil.freedesktop.org/wiki/	

		"Simplified" License		
libsmartcols	Unspecified	GNU Lesser General Public License v2.1 or later	https://github.com/karelzak/util-linux/tree/master/libsmartcols	
libsocketcan	0.0.10	GNU Lesser General Public License v2.1 or later	http://www.pengutronix.de/software/libsocketcan/download/	
Libtasn1	3.2	GNU Lesser General Public License v2.1 or later	http://www.gnu.org/software/libtasn1/	
libtopas_test	Unspecified	Robert Bosch Proprietary		
libtopasapidtsi	Unspecified	Robert Bosch Proprietary		
libusb	1.0.18	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/libusb/	
libuuid	Unspecified	BSD 3-clause "New" or "Revised" License	https://github.com/karelzak/util-linux/tree/master/libuuid	
libvehiclenetwork	Unspecified	Robert Bosch		

		Proprietary		
libxml2	2.9.4	MIT License	http://xmlsoft.org/	
libzip	1.0.1	BSD 3-clause "New" or "Revised" License	http://www.nih.at/libzip/	
Logging Framework for C++	1.1.2	Apache License 2.0	http://sourceforge.net/projects/log4cplus/	
Logging Framework for C++	1.1.2	Apache License 2.0	http://sourceforge.net/projects/log4cplus/	
Logrotate Utility	3.9.1	GNU General Public License v2.0 or later	https://fedorahosted.org/logrotate/	
lrzsz	0.12.20	GNU General Public License v2.0 or later	http://www.ohse.de/uwe/software/lrzsz.html	
ltmain.sh	Unspecified	GNU General 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 General Public License v2.0 or later	http://alioth.debian.org/projects/minicom/	
mtd-utils	1.5.2	GNU General Public License	http://git.infradead.org/mtd-utils.git	

		v2.0 or later		
ncurses	5.9	X11 License	https://www.gnu.org/software/ncurses/ncurses.html	
Nettle	2.7.1	GNU Lesser General Public License v2.1 or later	http://www.lysator.liu.se/~nisse/nettle/	
NYS_Library	Unspecified	GNU Library General Public License v2 or later	https://github.com/stevenylai/ralink_sdk/blob/master/source/user/ebtables-v2.0.9-2/getethertype.c	
OpenSSH	7.1p2	BSD 2-clause "Simplified" License	http://www.openssh.com/portable.html	
OpenSSL	1.0.2e	OpenSSL Combined License	http://www.openssl.org/	
opkg	0.3.0	GNU General Public License v2.0 or later	https://git.yoctoproject.org/cgit/cgit.cgi/opkg/	
PCRE	8.32	PCRE 5 License	http://sourceforge.net/projects/pcre/	
PCSC Lite	Unspecified	BSD 3-clause "New" or "Revised" License	http://pcsclite.alioth.debian.org/	
Popt	1.15	X11 License	http://freshmeat.net/projects/popt/	
ppp - Pauls PPP Package	Unspecified	GNU General Public	http://ppp.samba.org/ppp/index.html	

		License v2.0 or later		
ppp - Pauls PPP Package	2.4.7	GNU General Public License v2.0 or later	https://ppp.samba.org/index.html	
protobuf	2.5.0	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/protobuf/	
ReadLine Front-End	Unspecified	GNU General Public License v2.0 or later	https://github.com/issuu/readline/tree/master/examples/rlfe	
rsync	2.6.9	GNU General Public License v2.0 or later	http://samba.anu.edu.au/rsync/	
S Trace	4.10	BSD 3-clause "New" or "Revised" License	http://sourceforge.net/projects/strace/	
siphash	Unspecified	Public Domain	http://github.com/dchest/siphash/	
smhasher	3090200	Public Domain	http://code.google.com/p/smhasher/	
SQLite	3090200	Public Domain	http://www.hwaci.com/sw/sqlite/index.html	
squashfs-tools	4.3	GNU General Public License v2.0 or later	http://github.com/plougher/squashfs-tools/	

systemd	228	GNU Lesser General Public License v2.1 or later	http://freedesktop.org/wiki/Software/systemd/	
Tiny Asynchronous DNS lookup library	Unspecified	Beerware License	http://sourceforge.net/projects/adns/	
TLSF	1.9	Public Domain	http://tlsf.baisoku.org	
UBIFS	Unspecified	GNU General Public License v2.0 or later	http://www.linux-mtd.infradead.org/doc/ubifs.html	
uClibc - A C Library for Embedded Linux	0.9.30.3	GNU Lesser General Public License v2.1 or later	http://www.uclibc.org/	
USB Utils	007	GNU General Public License v2.0 or later	https://www.kernel.org/pub/linux/utils/usb/usbutils/	
USB-DFU	1.0	GNU General Public License v2.0 or later	http://www.usb.org/home	
usbnet	Unspecified	GNU Lesser General Public License v2.1 or later	http://www.linux-usb.org/usbnet/	
Util-Linux	2.27.1	GNU General Public License	http://freshmeat.net/projects/util-linux/	

		v2.0 or later		
util-unix-ng	Unspecified	GNU General Public License v2.0 or later	http://userweb.kernel.org/~kzak/util-linux-ng/	
Wide_Project	Unspecified	BSD 3-clause "New" or "Revised" License	http://www.wide.ad.jp/index.html	
wireless-tools	30	GNU General Public License v2.0 or later	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html	
wpa_supplicant - IEEE 802.1X, WPA, WPA2, RSN, IEEE 802.11i	2.5	BSD 3-clause "New" or "Revised" License	http://hostap.epitest.fi/wpa_supplicant/	
XZ Utils	5.0.4	Public Domain	http://tukaani.org/xz/	
yajl	Unspecified	ISC License	http://github.com/lloyd/yajl/	
yajl	2.1.0	ISC License	http://github.com/lloyd/yajl/	
zlib	1.2.8,1.1.3	zlib License	http://www.zlib.net	

3.6.Supplier: Nuance

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

3.7.Supplier : OMRON

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

3.8 Redbend_SWM

Supplier: Redbend_SWM				
Component	**Version**	**License**	**Home Page**	**Copyright**
action	0.1.1	Apache License 2.0	http://repo1.maven. org/maven2/com/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_rails	1.3.2	MIT License	http://rubygems.org/gems/jquery_mobile_rails	
SafeSlinger-Android	1.8.3-messenger	MIT License	http://github.com/Sa feSlingerProject/SafeSlinger-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/security/cryptography/hash es/sha1	
SyncML C Toolkit	4.0.3	SyncML License	http://sourceforge.net/projects/syncmlctoolkit/	

3.9.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	
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Filesystem in Userspace	2.8.5	BSD 2-clause "Simplified" License	http://sourceforge.net/projects/fuse/	
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Lawicel CAN USB sample code	0.1.8	Lawicel CAN USB sample code license	http://www.can232.com/?page_id=75	
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lz4	94	BSD 2-clause "Simplified" License	http://code.google.com/p/lz4/	

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Sunrise/set calculator	Unspecified	Public domian	https://stjarnhimlen.se/comp/sunriset.c	
tiny-AES128-C	20141218	Public domian	http://github.com/kokke/tiny-AES128-C/	
wosh	Unspecified	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/wosh/	Copyright (C) 2002 Michael Ringgaard. All rights reserved.
zlib	1.2.11	zlib License	http://www.zlib.net/	

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

iconv-lite	0.4.15	MIT	https://github.com/ashtuchkin/iconv-lite
jbinary	2.2	MIT	https://github.com/jDataView/jBinary
es6-promise	2.0.1	MIT	NA
es6-promise	2.0.1	MIT	https://github.com/jakearchibald/ES6-Promises
jdataview	2.5.0	WTFPL	http://jDataView.github.io/
request	2.53.0	Apache-2.0	https://github.com/request/request
aws-sign2	0.5.0	NA	https://github.com/mikeal/aws-sign
bl	0.9.4	MIT	https://github.com/rvagg/bl
readable-stream	1.0.33	MIT	https://github.com/isaacs/readable-stream
core-util-is	1.0.1	MIT	https://github.com/isaacs/core-util-is
inherits	2.0.1	ISC	https://github.com/isaacs/inherits
isarray	0.0.1	MIT	https://github.com/juliangruber/isarray
string_decoder	0.10.31	MIT	https://github.com/rvagg/string_decoder
caseless	0.9.0	BSD	https://github.com/mikeal/caseless
combined-stream	0.0.7	NA	https://github.com/felixge/node-combined-stream
delayed-stream	0.0.5	NA	https://github.com/felixge/node-delayed-stream
forever-agent	0.5.2	NA	https://github.com/mikeal/forever-agent
form-data	0.2.0	MIT	https://github.com/felixge/node-form-data
async	0.9.0	MIT	https://github.com/caolan/async
hawk	NA	./LICENSE	NA
hawk	2.3.1	BSD	https://github.com/hueniverse/hawk
boom	2.6.1	BSD	https://github.com/hapijs/boom
cryptiles	2.0.4	BSD	https://github.com/hapijs/cryptiles
hoek	2.11.0	BSD	https://github.com/hapijs/hoek
sntp	1.0.9	BSD	https://github.com/hueniverse/sntp
http-signature	0.10.1	MIT	https://github.com/joyent/node-http-signature/
asn1	0.11	NA	NA
assert-plus	0.5	NA	https://github.com/mcavage/node-assert-plus
ctype	0.5.3	NA	https://github.com/rmustacc/node-ctype
isstream	0.1	MIT	https://github.com/rvagg/isstream
json-stringify-safe	5.0.0	BSD	https://github.com/isaacs/json-stringify-safe
mime-types	2.0.9	MIT	https://github.com/jshttp/mime-types
mime-db	1.7.0	MIT	https://github.com/jshttp/mime-db
node-uuid	1.4.2	MIT	https://github.com/broofa/node-uuid

oauth-sign	0.6.0	NA	https://github.com/mikeal/oauth-sign
qs	2.3.3	BSD	https://github.com/hapijs/qs
stringstream	0.0.4	MIT	https://github.com/mhart/StringStream
tough-cookie	0.12.1	MIT	https://github.com/goinstant/tough-cookie
punycode	1.3.2	MIT	https://mths.be/punycode
tunnel-agent	0.4.0	NA	https://github.com/mikeal/tunnel-agent
mkdirp	0.5.0	MIT	https://github.com/substack/node-mkdirp
minimist	0.0.8	MIT	https://github.com/substack/minimist
xml2js	0.4.5	MIT	https://github.com/Leonidas-from-XIV/node-xml2js
sax	0.6.1	BSD	https://github.com/isaacs/sax-js
xmlbuilder	2.5.1	MIT	http://github.com/oozcitak/xmlbuilder-js
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4.9 Artistic-1.0-Perl

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Anti-Grain Geometry - Version 2.1 Lite

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

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

12/07/2007 -Added CppSQLiteDB::IsAutoCommitOn()

-Added int64 functions to CppSQLite3Query

-Added Name based parameter binding to CppSQLite3Statement.

V3.3 02/14/2019

-Added CppSQLite3Statement(__sqlite3* pDB, __sqlite3_stmt* pVM);

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

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

CppSQLite3Statement::Step()

CppSQLite3Statement::DoTransaction(const char *str)

CppSQLite3Statement::BeginTransaction()

CppSQLite3Statement::CommitTransaction()

CppSQLite3Statement::RollbackTransaction()

CppSQLite3DB::getDB()

CppSQLite3DB::RestoreOrBackupDb() by OBIGO

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
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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.

4.103 zlib license

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

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