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<b>XC-CI1</b>	<b>Open Source Software Attributions for XC_CI1_RN_AIVI_Scope 3.x</b>	<b>16<sup>th</sup> April 2021</b>

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## 1 List of used Open Source Components.

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Name of OSS Component	Version of OS S Component	Name and Version of License (License text can be found in Appendix below)	Home page	More Information
7 Zip - LZMA SDK	9.2	Public Domain	<a href="http://www.7-zip.org/sdk.html">http://www.7-zip.org/sdk.html</a>	Copyright (C) 1999-2005, 2016 Igor Pavlov Copyright (C) 2007-2009 Industrie Dial Face S.p.A.
ACL	2.2.53	LGPL-2.1+	<a href="https://savannah.nongnu.org/projects/acl">https://savannah.nongnu.org/projects/acl</a>	Copyright (C) 2011 Andreas Gruenbacher Copyright (C) 1989, 1991-2012 Free Software Foundation, Inc. Copyright (c) 2000-2006 Silicon Graphics, Inc.
apertispro-archive-keyring	0.1rb1ba1	GPL-2.0+		Copyright: 2012 RBEI Ltd.
AES - Advanced Encryption Standard	1	zlib License	<a href="http://www.lomont.org/Software/Misc/AES/AES.php">http://www.lomont.org/Software/Misc/AES/AES.php</a>	Copyright (C) 2000-2005 Chris Lomont

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Alsa Libraries	1.0.2 9	GNU Lesser General Public License v2.1 or later	<a href="ftp://ftp.alsa-project.org/pub/lib">ftp://ftp.alsa-project.org/pub/lib</a>	Copyright: 2010 Red Hat Inc Copyright (c) 1998,2000,2001,2003,2004,2005,2006,2010 by Jaroslav Kysela Copyright (c) 2000,2001,2003 by Abramo Bagnara Copyright (c) 1998,99,2000,2003,2004,2005,2007 by Takashi Iwai Copyright (C) 1992 by Stichting Mathematisch Copyright (C) 2008-2010 SlimLogic Ltd Copyright (c) 2013 by ADIT GmbH
Alsa Plugins	1.0.2 9	GNU Lesser General Public License v2.1 or later	<a href="ftp://ftp.alsa-project.org/pub/plugins/">ftp://ftp.alsa-project.org/pub/plugins/</a>	Copyright (c) 2008 by Sjoerd Simons Copyright (c) 2006 by Pierre Ossman
Alsa Utils	1.0.2 9	GNU General Public License v2.0 or later	<a href="ftp://ftp.alsa-project.org/pub/utils">ftp://ftp.alsa-project.org/pub/utils</a>	Copyright (c) by Abramo Bagnara Copyright (c) 1999-2000,2008,2010 by Jaroslav Kysela Copyright (C) 2003 Greg Kroah-Hartman Copyright (C) 2004-2006 Kay Sievers Copyright (c) 2004-2006 Clemens Ladisch Copyright (c) 1998,1999 Tim Janik Copyright (c) 1874 Lewis Carroll Copyright (C) 2008-2010 SlimLogic Ltd Copyright (C) 1999-2000,2003 by Takashi Iwai Copyright (C) 2000-2004 James Courtier-Dutton Copyright (C) 2005 Nathan Hurst
Android - platform - bootable - recovery	Uns pecif ied	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright: 2007 The Android Open Source Project
apitrace	7.1	MIT License	<a href="http://github.com/apitrace/apitrace/">http://github.com/apitrace/apitrace/</a>	Copyright 2009,2010,2013,2014,2015,2016 Google Inc Copyright 2012,2013 Intel Corporation Copyright 2010-2016 VMware, Inc Copyright 2011-2014 Jose Fonseca Copyright 2011 LunarG, Inc Copyright 2015 Alexander Trukhin Copyright 2013 Samsung Contributed by Eugene Velesevich Copyright 2006 Keith Packard and Carl Worth Copyright 2011 Zack Rusin, Copyright 2004 IBM Corporation

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APMD-Advanced Power Management Daemon	3.2.2	GNU General Public License v2.0 or later	<a href="https://packages.debian.org/wheezy/apmd">https://packages.debian.org/wheezy/apmd</a>	Copyright 1996, 1997 Rickard E. Faith
asn1c	0.9.2 7	BSD 2-clause "Simplified" License	<a href="http://github.com/vlm/asn1c/">http://github.com/vlm/asn1c/</a>	Copyright (c) 2004, 2006 Lev Walkin Copyright (c) 2003, 2004 XIO Labs, xiolabs.com
Atomic_ops	7.4.0	MIT License	<a href="http://www.hpl.hp.com/research/linux/atomic_ops/index.php4">http://www.hpl.hp.com/research/linux/atomic_ops/index.php4</a>	Copyright (c) 1991-1994 by Xerox Corporation Copyright (c) 1996-1999 by Silicon Graphics Copyright (c) 1999-2003 by Hewlett-Packard Company
Attr	2.4.4 7	GNU General Public License v2.0 or later	<a href="http://savannah.nongnu.org/projects/attr">http://savannah.nongnu.org/projects/attr</a>	Copyright (C) 2000,2001,2002,2003,2004,2005 Silicon Graphics, Inc Copyright (C) 2002,2003,2006,2007,2009 Andreas Gruenbacher , SuSE Linux AG.;
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base-passwd	3.5.2 9	GNU General Public License v2.0 only	<a href="http://packages.debian.org/source/wheezy/base-passwd">http://packages.debian.org/source/wheezy/base-passwd</a>	Copyright 1999-2002 Wichert Akkerman Copyright 2002, 2003, 2004 Colin Watson
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py2cairo	1.10.0	GNU Lesser General Public License v2.1 or later	<a href="http://cairographics.org/pycairo/">http://cairographics.org/pycairo/</a>	This component is a part of Cairo Vector Graphics Library which is already identified with a version 1.12.14. Hence this is separately identified as py2cairo with version 1.10.0.

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RapidXml	1.13	MIT License	<a href="http://sourceforge.net/projects/rapidxml/">http://sourceforge.net/projects/rapidxml/</a>	Copyright (c) 2006, 2007 Marcin Kalicinski
RBTree.cpp	Unspecified	Public Domain	<a href="http://eternallyconfuzzled.com/tuts/datastructures/jsw_tut_rbtree.aspx">http://eternallyconfuzzled.com/tuts/datastructures/jsw_tut_rbtree.aspx</a>	Socionext Embedded Software Austria GmbH (SESA)

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util-unix-ng	2.26.2	BSD 3-clause "New" or "Revised" License	<a href="https://www.kernel.org/pub/linux/utils/util-linux/">https://www.kernel.org/pub/linux/utils/util-linux/</a>	1996, 1997, 1998 Theodore Ts'o

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util-unix-ng	2.26.2	GNU General Public License v2.0 or later	<a href="https://www.kernel.org/pub/linux/utils/util-linux/">https://www.kernel.org/pub/linux/utils/util-linux/</a>	Copyright (c) 2008 Roy Peled, Copyright (C) 2000-2002 Transmeta Corporation, Copyright (c) 2004-2006 by Michael Holzt Copyright Red Hat Software, 1999, 2000, Copyright (C) 2010 Jason Borden <jborden@bluehost.com>, Copyright (C) 2008,2010 Karel Zak <kzak@redhat.com>, Copyright (C) 2008-2009 Karel Zak <kzak@redhat.com>, Copyright (C) 1994-1999 Kevin E. Martin Copyright (C) 1995 Andries E. Brouwer (aeb@cwi.nl), Copyright (C) 1999-2008 by Theodore Ts'o, Copyright (C) 2010 Davidlohr Bueso <dave@gnu.org>, Copyright (C) 2012 Ondrej Oprala <cooprala@redhat.com> Copyright (C) 2012 Sami Kerola <kerolasa@iki.fi>, Copyright (C) 2009-2010 Free Software Foundation, Inc Copyright (C) 2011 Davidlohr Bueso <dave@gnu.org>, Copyright 2010 Lennart Poettering Copyright (C) 2001 Andreas Dilger, Copyright (C) Andries Brouwer, Copyright (C) 2013 Rolf Fokkens <rolf@fokkens.nl> Copyright (C) 2010 Jeroen Oortwijn <oortwijn@gmail.com>, Copyright (C) 2009 by Bastian Friedrich <bastian.friedrich@collax.com> Copyright (C) 2011 by Philipp Marek <philipp.marek@linbit.com>, Copyright 1996, 2003 Rickard E. Faith (faith@acm.org) Copyright (c) 1987, 1992 The Regents of the University of California, Copyright (c) 2000-2001 Gunnar Ritter, Copyright (C) 1990 Gordon Irlam (gordoni@cs.ua.oz.au), Copyright (C) 2008, James Youngman <jay@gnu.org> Copyright (C) 2008 Hayden A. James (hayden.james@gmail.com) , Copyright (C) 2012-2013 Eric Biederman <ebiederm@xmission.com> Copyright (C) 2011 Davidlohr Bueso <dave@gnu.org>, Copyright 1995 Nick Simicich (njs@scifi.emi.net) Copyright (C) 2005 Jens Axboe <jens@axboe.dk>, Copyright (c) 1997-2005 Frodo Looijaard <frodo@frodo.looijaard.name>
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v4utils_libdvbv5	1.6.2	GNU General Public License v2.0 only	<a href="http://git.linuxtv.org/v4l-utils.git">http://git.linuxtv.org/v4l-utils.git</a>	Copyright (c) 2011-2014 - Mauro Carvalho Chehab, Copyright (c) 1999-2003 Mark W. McClelland. All rights reserved. Copyright 1998-2000 OmniVision Technologies
v4utils_libv4l	1.6.2	GNU Lesser General Public License v2.1 or later	<a href="http://git.linuxtv.org/v4l-utils.git">http://git.linuxtv.org/v4l-utils.git</a>	Copyright (C) 2008-2011 Hans de Goede <hdegoede@redhat.com>, Copyright (C) 2009, 2012 Mauro Carvalho Chehab, Copyright (C) 2003-2009 Bill Dirks <bill@thedirks.org>, Copyright (C) 2008-2009 Elmar Kleijn <elmar_kleijn@hotmail.com>, Copyright (C) 2008-2009 Sjoerd Piepenbrink <need4weed@gmail.com>, Copyright (C) 2008-2009 Radjnjies Bhansingh <radnjies@gmail.com> Copyright (C) 2010 Nokia Corporation <multimedia@maemo.org>, Copyright (C) 2009 Hans Verkuil <hverkuil@xs4all.nl>, Copyright (c) 2004-2009, 2010 Theodore Kilgore <kilgota@auburn.edu>, Copyright (c) 2003 Sylvain Munaut <nw8xx jat[ 246tNt.com>, Copyright (c) 2005 Bertrik.Sikken, Thomas Kaiser. Copyright (C) 2003 2004 2005 Michel Xhaard, Copyright (C) 2005 Andrzej Szombierski [qq@kuku.eu.org]
v4utils_libv4l2rds	1.6.2	GNU Lesser General Public License v2.1 or later	<a href="http://git.linuxtv.org/v4l-utils.git">http://git.linuxtv.org/v4l-utils.git</a>	Copyright 2012 Cisco Systems, Inc. and/or its affiliates. All rights reserved

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WavPack Lossless Audio Compressor	4.60. 1	BSD 3-clause "New" or "Revised" License	<a href="http://sourceforge.net/projects/wavpack/">http://sourceforge.net/projects/wavpack/</a>	Copyright (c) 1998 - 2006 Conifer Software. MMX optimizations (c) 2006 Joachim Henke, All Rights Reserved
libgpiod	git-r0	GNU Lesser General Public License v2.1 or later	<a href="https://github.com/bргl/libgpiod">https://github.com/bргl/libgpiod</a>	Copyright (C) 2017-2018 Bartosz Golaszewski <bartekgola@gmail.com>
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wireless-tools	30	GNU General Public License v2.0 or later	<a href="http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html">http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html</a>	Copyright (c) 1997-2009 Jean Tourrilhes.
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apertis-customizations	1.17 12	MPL-2.0  GPL-2.0  GPL-2.0+  LGPL-2.1+		© 2015-2017 Collabora Ltd.  © 2009-2011 Canonical Ltd.  © 2002-2009 Novell/SUSE
apparmor	2.11. 0.2.1 3.2	GPL-2.0 LGPL-2.1 Public domain GPL-2.0		Dual License - GPL-2.0+ & BSD - 3 Clause  Copyright © 2006 SUSE Linux Products GmbH. Copyright © 2005, 2006 Gnome i18n Project for Vietnamese. Copyright © 2005 Danilo Segan &lt;danilo@gnome.org&gt; Copyright © 2004 Scott James Remnant &lt;scott@netsplit.com&gt;  Copyright 2014 Canonical Ltd. Copyright 1992-2016 Free Software Foundation, Inc. Copyright (c) 2015 RoCopyright (c) 2007, 2008 Andreas Gruenbacher. Copyright (c) 2003-2006 Silicon Graphics, Inc. Copyright (C) 2012 Free Software Foundation, Inc.setta Contributors and Canonical Ltd 201 Copyright (c) 2013 Christian Boltz (All rights reserved) Copyright (c) 2009 Dulmandakh Sukhbaatar &lt;dulmandakh@gmail.com&gt; Copyright (c) 2008 Dominic Reynolds Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany Copyright (c) 2006 Novell, Inc. Copyright (C) Per Jessen Copyright (C) 2016 intrigeri Copyright (C) 2015-2016 Simon De
audit	2.4.5	LGPL-2.1+  FSF  GPL-2.0+ with autoconf exception  GPL V3 or later with autoconf exception  FSF - Configure Script  Public-domain  X11  GNU Libtool GPL-2.0+ with exception  LGPL-2.0+  Free Software License - Paolo Bonzini  GPL-2.0+  LGPL-2.1		copyright 2007-2011, Philipp Matthias Hahn &lt;pmhahn@debian.org&gt; Copyright: 2005-2008 Steve Grubb,sgrubb@redhat.com&gt; Copyright 2015 Red Hat Inc., Durham, North Carolina. Copyright (C) 2009-2015 Marc Alexander Lehmann Copyright (c) 2011 IBM Corp. Copyright (c) 2008 Paolo Bonzini Copyright (C) 2003-2014 Free Software Foundation, Inc.  Dual License - GPL-2.0+ & BSD - 2 Clause

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base-passwd	3.5.4 4	GPL-2.0 GPL-2.0+ Public-domain		copyright 2002, 2003 Colin Watson. copyright 1999 Wichert Akkerman Copyright: Copyright 2001, 2002 Joey Hess Copyright 2007 David Mandelberg Copyright (C) 2014 the base-passwd's copyright holder. Copyright (C) 2004 Nicolas FRANC
Coreutils-gplv2	6.9	GPL-2.0+ GFDL-1.2+ GPL-2.0+ with autoconf exception FSF Curl Component license GNU MP Library file license BSD 4 Clause with Advertising clause omitted BSD-3 Clause ISC LGPL-2.1+ GPL-2.0+ with bison exception cut-down "BSD license" LGPL-2.0+ Public-domain Makefile FSF license MIT X11 GFDL-1.2 Curl Component license GPL-2.0 GNU gettext support file license Public domain GPL V3 or later with autoconf exception FSF - Configure Script GFDL V1.3 or later FSF without royalty		Copyright 2007 Free Software Foundation, Inc. Copyright (C) 2004, 2006 Simon Josefsson
dash	0.5.8	BSD-3 Clause Public-domain Makefile FSF license GPL-2.0+		Copyright (c) 2007 Herbert Xu ;herbert@gondor.apana.org.au Copyright (c) 1999 Main code: Adam Rogoyski;rogoyski@cs.utexas.edu; Etc: Dave Cinege ; dcinege@psychosis.com

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		GPL-1.0+ MIT-Matt Johnston and Mihnea Stoenescu GPL v3 or later with Bison exception FSF FSF - Configure Script GNU Libtool GPL-2.0+ with exception GPL-2.0+ with autoconf exception		Copyright (c) 1995 The Regents of the University of California. Copyright (C) 2012 Free Software Foundation, Inc. Copyright (C) 1994 X Consortium
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dpkg	1.18	GPL-2.0+ Public-domain GPL-2.0 Curl Component license GNU MP Library file license MIT-Matt Johnston and Mihnea Stoenescu ISC MIT - Eric Haszlakiewicz MIT- Matt Johnston Zlib license FSF GPL V3 or later with autoconf exception X11 GNU Libtool GPL-2.0+ with exception GPL-2.0+ with autoconf exception GNU gettext support file license LGPL-2.0+ Makefile FSF license FSF - Configure Script		© 2011 Kees Cook © 2010-2011 Raphaël Hertzog © 2007, 2008 Frank Lichtenheld © 2007 Guillem Jover" © 2005 Scott James Remnant" © 2001 Wichert Akkerman" © 2001 Joey Hess" © 1997,1998 Charles Briscoe-Smith med "flera." © 1996 Kim-Minh Kaplan" © 1995, 1996 Erick Branderhorst" Copyright © Colin Watson ; Copyright © 2015 Guillem Jover Copyright © 2014 Nir Soffer Copyright © 2011 Matt Kraai &lt; krai@fbfs.org&gt; Copyright © 2011 Linaro Limited Copyright © 2010 Oxan van Leeuwen Copyright © 2009 Romain Francoise Copyright © 2009 Chris Coulson Copyright © 2009 Canonical Ltd. Copyright © 2008 Zack Weinberg Copyright © 2008 Samuel Thibault Copyright © 2008 Pierre Habouzit Copyright © 2008 James Westby Copyright © 2008 Frank Lichtenheld Copyright © 2008 Andreas Pahlsson Copyright © 2007-2015 Guillem Jover Copyright © 2007, 2008 Tollef Fog Heen

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libxau	1.0.8	<p>GPL-2.0 X11 Public-domain Makefile FSF license FSF GPL V3 or later with autoconf exception FSF - Configure Script GPL-2.0+ GPL-2.0+ with autoconf exception GNU Libtool GPL-2.0+ with exception</p>	<p>Copyright © 2005 David Nusinow ;dnusinow@debian.org; Copyright © 2005 Daniel Stone ;daniel@fooishbar.org; Copyright © 2004 Scott James Remnant ;scott@netsplit.com;. Copyright © 2003 Keith Packard, Noah Levitt Copyright 2005 Red Hat, Copyright 1998-2005, 2007 Branden Robinson Copyright 1997 Mark Eichin Copyright 1996 Stephen Early Copyright 1992-2013 Free Software Foundation, Inc. Copyright 1988, 1998 The Open Group Copyright (c) 2010, Oracle and/or its affiliates. Copyright (c) 2009 Steven G. Johnson</p>

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libxcb	1.13.1	GPL V3 or later with autoconf exception GPL-2.0+ with autoconf exception GNU Libtool GPL-2.0+ with exception X11 Public-domain GPL-2.0+ FSF Makefile FSF license FSF - Configure Script		Copyright © 2004 Scott James Remnant ;scott@netsplit.com;; Copyright 2005 Red Hat, Inc Copyright 1992-2014 Free Software Foundation, Inc. Copyright (c) 2009 Steven G. Johnson ;stevenj@alum.mit.edu; Copyright (c) 2009 Mike Frysinger ;vapier@gentoo.org; Copyright (c) 2009 Matteo Frigo Copyright (c) 2005, 2006, Oracle and/or its affiliates. Copyright (C) 2001-2008 Bart Massey and Jamey Sharp. Copyright (C) 1994 X Consortium
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Acl	2.2.5 2	LGPL-2.1+ GPL-2.0+ GPL V2 or later with autoconf exception GNU Libtool GPL v2 or later with exception LGPL-2.1 FSF - Configure Script	Copyright (C) 2011 Andreas Gruenbacher Copyright (C) 1989, 1991-2012 Free Software Foundation, Inc.  Copyright (c) 2000-2006 Silicon Graphics, Inc.
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by James Random Hacker.

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### **3.1.22 LibTomMath - 0.39**

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### **3.1.23 Base64.java - 2.3.5.2.**

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### **3.1.24 Internal Android OS APIs**

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### **3.1.25 ExtractMpeg FramesTest. java**

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### **3.1.26 Libupnp (pupnp) - 1.6.19**

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### **3.1.29 Wpa\_supplicant - 2.3**

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### **3.1.30 Pythonpsutil\_2.1.3.bb**

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### **3.1.31 Android SupportLibraries - 19.0.0**

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### **3.1.33 axTLS - 1.1.8**

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### **3.1.34 Action - 0.1.1**

Home Page: <http://repo1.maven.org/maven2/com/ning/metrics.action/>

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### **3.1.35 Android - platform - frameworks – base - 4.0.1\_r1**

Home Page: <http://developer.android.com/index.html>

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### **3.1.36 Android - platform - prebuilts – sdk - 4.4\_r1**

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### **3.1.37 Android SDK Support Libraries – 19,23.1.1**

Home Page: <https://developer.android.com/tools/support-library/index.html>

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### **3.1.38 Android SDK Support Libraries**

Drools:: Scorecards - 5.5.0.Final

Home Page : <http://mirrors.ibiblio.org/maven2/org/drools/drools-scorecards/>

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### **3.1.39 Mongolduu - master-20121109**

Home Page: <http://github.com/tugstugi/mongolduu/>

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### **3.1.40 Stan-for-Android - 0.1.0**

Home Page: <http://github.com/Label305/Stan-for-Android/>

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Home Page: <http://github.com/olado/doT/>

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### **3.1.42 JQuery: 2.0.3**

Home Page: <http://github.com/jquery/jquery/>

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### **3.1.43 jquery\_mobile\_rails - 1.3.2**

Home Page: [http://rubygems.org/gems/jquery\\_mobile\\_rails](http://rubygems.org/gems/jquery_mobile_rails)

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### **3.1.44 SafeSlinger-Android - 1.8.3-messenger**

Home Page: <http://github.com/SafeSlingerProject/SafeSlinger-Android/>

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### **3.1.45 OpenSSL**

Home Page: <http://www.openssl.org/>

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### **3.1.46 CRC32**

Home Page: <http://web.mit.edu/>

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### **3.1.47 SHA-1 in C**

Home Page: <http://www.mirrors.wiretapped.net/security/cryptography/hashes/sha1>

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Home Page: <http://sourceforge.net/projects/syncml-ctoolkit/>

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### **3.1.49 CMarkup - 11.05**

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Home Page <http://www.oberhumer.com/opensource/lzo/>

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### **3.1.58 lz4 Compression algorithm - r111**

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### **3.1.59 Android -platform - system - core/libmncrypt**

Home Page: <https://android.googlesource.com/platform/system/core/+/master/libmncrypt>

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### **3.1.62 Open BSD - 4.5**

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### **3.1.63 Bsdiff - 4.3**

Home Page: <http://github.com/geraldonetto/bsdiff>

Home Page: <http://www.daemonology.net/bsdiff>

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### **3.1.64 GNU C Library – glibc - 2.2.4**

Home Page: <http://www.gnu.org/software/libc/libc.html>

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### **3.1.65 IGEP Linux Kernel - 2.6.28.10-ige0020b-0**

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Home Page: <http://code.google.com/p/libdivsufsort/>

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### **3.1.69 Test-SQLite-blob - trunk-20120916-svn**

Home Page: <http://code.google.com/p/test-sqlite-blob/>

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Home Page: <http://www.7-zip.org/sdk.html>

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Home Page: <http://sourceforge.net/projects/sevenzip/>

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### **3.1.72 CRC32 MIT.edu**

Home Page: <http://web.mit.edu/freebsd/head/sys/libkern/>

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### **3.1.73 XZ Utils -5.0.7**

Home Page: <http://tukaani.org/xz/>

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### 3.1.74 Zlib - 1.2.3

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### 3.1.75 Android - platform – dalvik - 2.1\_r1

Home Page: <http://developer.android.com/index.html>

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### 3.1.76 gpclib

<http://github.com/rdpeng/gpclib/>

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### 3.1.78 Android - platform - frameworks - base

Version android-7.0.0\_r1

<https://android.googlesource.com/platform/frameworks/base>

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### **3.1.79 Android - platform - frameworks - base**

Version Unspecified

<https://android.googlesource.com/platform/frameworks/base>

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### **3.1.80 Boost C++ Libraries - boost**

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<http://boost.org/>

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<http://github.com/mozilla/gecko-dev/>

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<http://opus-codec.org>

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### **3.1.84 Speex**

1.2beta2 dev

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### **3.1.85 wosh**

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<http://sourceforge.net/projects/jsoncpp/>

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<https://stjarnhimlen.se/comp/sunriset.c>

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### **3.1.91 tiny-AES128-C**

Version master-20141218

<http://github.com/kokke/tiny-AES128-C/>

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### **3.1.92 PVRTC Library**

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<https://www.imgtec.com/developers/powervr-sdk-tools/installers/>

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### **3.1.93 GSM 06.10 Lossy Speech Compression**

Version Unspecified

<http://kbs.cs.tu-berlin.de/~jutta/toast.html>

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Berlin, 28.11.1994 Jutta Degener Carsten Bormann

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<https://opensource.apple.com/source/cups/cups-30/cups/md5.h.auto.html>

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### **3.1.96 OpenGL-Examples**

Version master-20141123

<http://github.com/progschj/OpenGL-Examples/>

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<http://sourceforge.net/projects/sdlgfx/>

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#### **3.1.99 Code Project - C++ Memory Pool**

Version 1.0

<http://www.codeproject.com/KB/cpp/MemoryPool.aspx>

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The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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RealVNC has made the following modifications to OpenSSL 0.9.8zf:

- The hard-coding of config options in opensslconf.h.
- The addition of compile-time
- 
- 
- s to remove dependencies of the C stio library and on Win32 UI.
- The addition of compile-time checks to remove filename strings from release binaries.

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```

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log (in PNG format, of course) is supplied in the files "pngbar.png" and "pngbar.jpg" (88x31) and "pngnow.png" (98x31).

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Glenn Randers-Pehrson  
glenrrp at  
users.sourceforge.net  
September 10, 2009

### 3.2.10 libzip

The following copyrights apply to libzip.

#### 3.2.10.1 Dieter Baron and Thomas Klausner (see the files zip.h and zipint.h):

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This file is part of libzip, a library to manipulate ZIP archives.

The authors can be contacted at <libzip@nih.at>

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### **3.2.10.4 RealVNC modifications to libzip**

The open source component used by *VNC Automotive* consists of the lib subdirectory of libzip 0.9, plus two variants on the corresponding config.h template. Three modifications have been made, as follows:

- libzip.vcproj has been added.
- On Windows, in libzip.h and zipint.h, no-op ZIP\_EXTERN so that we build for linking statically.
- On Windows, in mkstemp.c, pid\_t and S\_ISDIR have been defined, and io.h and process.h included.

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### **3.2.13 GCC libstdc++**

This is not in our source delivery, but is statically linked in to our binary deliveries from the specified version of GCC. See <http://gcc.gnu.org/libstdc++> or <http://gcc.gnu.org/releases.html> for more information.

### **3.2.14 keysymdef**

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### **3.2.19.5 RealVNC modifications to libxml2**

This is libxml2-2.9.1. Some small changes have been made to allow it to build for QNX and Android.

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Project web page: <http://miniupnp.free.fr/> or <http://miniupnp.tuxfamily.org/>

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- Requests have been cancelled.
- MirrorLink-specific functionality has been added.
- Functionality specific to building for different hardware architectures has been added.

### **3.2.21 LibTomCrypt**

LibTomCrypt, modular cryptographic library -- Tom St Denis

LibTomCrypt is a library that provides various cryptographic algorithms in a highly modular and flexible manner.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, <http://libtomcrypt.com>

### **3.2.22 LibTomMath**

LibTomMath, multiple-precision integer library -- Tom St Denis

LibTomMath is a library that provides multiple-precision integer arithmetic as well as number theoretic functionality.

The library was designed directly after the MPI library by Michael Fromberger but has been written from scratch with additional optimizations in place.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, <http://math.libtomcrypt.com>

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@author Robert Harder

@author rob@iharder.net

@version 2.3.5.2.

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### **3.2.28 WPA Suplicant**

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### **3.2.28.1 RealVNC modifications to WPA Supplicant**

RealVNC has applied the following patch:

<http://w1.fi/cgit/hostap/patch/?id=f2b3acc9d5.2.b91fbaccfc9dd8d408>

252bda4f1be9 Copyright © 2002-2014 Jouni Malinen and

contributors.

### **3.2.28.2 ath9k\_faf1dc64\_backport.patch**

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### **3.2.28.3 python-psutil\_2.1.3.bb**

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### **3.2.30 VNC Wi-Fi Display i.MX6 sample decoder**

The information in this section expands upon that summarized in section 6.2, *VNC Wi-Fi Display i.MX6 sample decoder*.

### **3.2.31 mxcfb.h**

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### **3.2.32 axTLS**

axTLS Embedded SSL

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style license: Copyright (c)

2005.2., Cameron Rich All

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### **3.2.32 RealVNC modifications to axTLS**

Some unwanted type and function definitions have been removed.

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#### 4.0 Node Modules Components

Name of OSS Component	Version of OSS Component	Name and Version of License	Home page
buffer-crc32	0.2.5	MIT	<a href="https://github.com/brianloveswords/buffer-crc32">https://github.com/brianloveswords/buffer-crc32</a>
dbus-native	0.2.0	MIT	<a href="https://github.com/sidorares/node-dbus">https://github.com/sidorares/node-dbus</a>
dbus-proxy	0.0.0-unreleasable	NA	NA
abstract-socket	1.1.0	MIT	<a href="https://github.com/saghul/node-abstractsocket">https://github.com/saghul/node-abstractsocket</a>
bindings	1.2.1	MIT	<a href="https://github.com/TooTallNate/node-bindings">https://github.com/TooTallNate/node-bindings</a>
nan	2.4.0	MIT	<a href="https://github.com/nodejs/nan#readme">https://github.com/nodejs/nan#readme</a>
1to2	1.0.0	MIT	NA
event-stream	3.3.4	MIT	<a href="http://github.com/dominictarr/event-stream">http://github.com/dominictarr/event-stream</a>
duplexer	0.1.1	MIT	<a href="https://github.com/Raynos/duplexer">https://github.com/Raynos/duplexer</a>
from	0.1.3	MIT	<a href="https://github.com/dominictarr/from">https://github.com/dominictarr/from</a>
map-stream	0.1.0	NA	<a href="http://github.com/dominictarr/map-stream">http://github.com/dominictarr/map-stream</a>
pause-stream	0.0.11	MIT, Apache2	<a href="https://github.com/dominictarr/pause-stream">https://github.com/dominictarr/pause-stream</a>
split	0.3.3	MIT	<a href="http://github.com/dominictarr/split">http://github.com/dominictarr/split</a>
stream-combiner	0.0.4	MIT	<a href="https://github.com/dominictarr/stream-combiner">https://github.com/dominictarr/stream-combiner</a>
through	2.3.8	MIT	<a href="https://github.com/dominictarr/through">https://github.com/dominictarr/through</a>
put	0.0.6	MIT/X11	<a href="https://github.com/substack/node-put">https://github.com/substack/node-put</a>
xml2js	0.1.14	NA	<a href="https://github.com/Leonidas-from-XIV/node-xml2js">https://github.com/Leonidas-from-XIV/node-xml2js</a>
sax	1.2.1	ISC	<a href="https://github.com/isaacs/sax-js#readme">https://github.com/isaacs/sax-js#readme</a>
iconv-lite	0.4.15	MIT	<a href="https://github.com/ashtuchkin/iconv-lite">https://github.com/ashtuchkin/iconv-lite</a>
jbinary	2.1.2	MIT	<a href="https://github.com/jDataView/jBinary">https://github.com/jDataView/jBinary</a>
es6-promise	2.0.1	MIT	NA

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es6-promise	2.0.1	MIT	<a href="https://github.com/jakearchibald/ES6-Promises">https://github.com/jakearchibald/ES6-Promises</a>
jdataview	2.5.0	WTFPL	<a href="http://jDataView.github.io/">http://jDataView.github.io/</a>
request	2.53.0	Apache-2.0	<a href="https://github.com/request/request">https://github.com/request/request</a>
aws-sign2	0.5.0	NA	<a href="https://github.com/mikeal/aws-sign2">https://github.com/mikeal/aws-sign2</a>
bl	0.9.4	MIT	<a href="https://github.com/rvagg/bl">https://github.com/rvagg/bl</a>
readable-stream	1.0.33	MIT	<a href="https://github.com/isaacs/readable-stream">https://github.com/isaacs/readable-stream</a>
core-util-is	1.0.1	MIT	<a href="https://github.com/isaacs/core-util-is">https://github.com/isaacs/core-util-is</a>
inherits	2.0.1	ISC	<a href="https://github.com/isaacs/inherits">https://github.com/isaacs/inherits</a>
isarray	0.0.1	MIT	<a href="https://github.com/juliangruber/isarray">https://github.com/juliangruber/isarray</a>
string_decoder	0.10.31	MIT	<a href="https://github.com/rvagg/string_decoder">https://github.com/rvagg/string_decoder</a>
caseless	0.9.0	BSD	<a href="https://github.com/mikeal/caseless">https://github.com/mikeal/caseless</a>
combined-stream	0.0.7	NA	<a href="https://github.com/felixge/node-combined-stream">https://github.com/felixge/node-combined-stream</a>
delayed-stream	0.0.5	NA	<a href="https://github.com/felixge/node-delayed-stream">https://github.com/felixge/node-delayed-stream</a>
forever-agent	0.5.2	NA	<a href="https://github.com/mikeal/forever-agent">https://github.com/mikeal/forever-agent</a>
form-data	0.2.0	MIT	<a href="https://github.com/felixge/node-form-data">https://github.com/felixge/node-form-data</a>
async	0.9.0	MIT	<a href="https://github.com/caolan/async">https://github.com/caolan/async</a>
hawk	NA	./LICENSE	NA
hawk	2.3.1	BSD	<a href="https://github.com/hueniverse/hawk">https://github.com/hueniverse/hawk</a>
boom	2.6.1	BSD	<a href="https://github.com/hapijs/boom">https://github.com/hapijs/boom</a>
cryptiles	2.0.4	BSD	<a href="https://github.com/hapijs/cryptiles">https://github.com/hapijs/cryptiles</a>
hoek	2.11.0	BSD	<a href="https://github.com/hapijs/hoek">https://github.com/hapijs/hoek</a>
sntp	1.0.9	BSD	<a href="https://github.com/hueniverse/sntp">https://github.com/hueniverse/sntp</a>
http-signature	0.10.1	MIT	<a href="https://github.com/joyent/node-http-signature/">https://github.com/joyent/node-http-signature/</a>
asn1	0.1.11	NA	NA
assert-plus	0.1.5	NA	<a href="https://github.com/mcavage/node-assert-plus">https://github.com/mcavage/node-assert-plus</a>
ctype	0.5.3	NA	<a href="https://github.com/rmustacc/node-ctype">https://github.com/rmustacc/node-ctype</a>
isstream	0.1.1	MIT	<a href="https://github.com/rvagg/isstream">https://github.com/rvagg/isstream</a>
json-stringify-safe	5.0.0	BSD	<a href="https://github.com/isaacs/json-stringify-safe">https://github.com/isaacs/json-stringify-safe</a>
mime-types	2.0.9	MIT	<a href="https://github.com/jshttp/mime-types">https://github.com/jshttp/mime-types</a>
mime-db	1.7.0	MIT	<a href="https://github.com/jshttp/mime-db">https://github.com/jshttp/mime-db</a>

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node-uuid	1.4.2	MIT	<a href="https://github.com/broofa/node-uuid">https://github.com/broofa/node-uuid</a>
oauth-sign	0.6.0	NA	<a href="https://github.com/mikeal/oauth-sign">https://github.com/mikeal/oauth-sign</a>
qs	2.3.3	BSD	<a href="https://github.com/hapijs/qs">https://github.com/hapijs/qs</a>
stringstream	0.0.4	MIT	<a href="https://github.com/mhart/StringStream">https://github.com/mhart/StringStream</a>
tough-cookie	0.12.1	MIT	<a href="https://github.com/goinstant/tough-cookie">https://github.com/goinstant/tough-cookie</a>
punycode	1.3.2	MIT	<a href="https://mths.be/punycode">https://mths.be/punycode</a>
tunnel-agent	0.4.0	NA	<a href="https://github.com/mikeal/tunnel-agent">https://github.com/mikeal/tunnel-agent</a>
mkdirp	0.5.0	MIT	<a href="https://github.com/substack/nodemkdirp">https://github.com/substack/nodemkdirp</a>
minimist	0.0.8	MIT	<a href="https://github.com/substack/minimist">https://github.com/substack/minimist</a>
xml2js	0.4.5	MIT	<a href="https://github.com/Leonidas-from-XIV/node-xml2js">https://github.com/Leonidas-from-XIV/node-xml2js</a>
sax	0.6.1	BSD	<a href="https://github.com/isaacs/sax-js">https://github.com/isaacs/sax-js</a>
xmlbuilder	2.5.1	MIT	<a href="http://github.com/oozcitak/xmlbuilder-js">http://github.com/oozcitak/xmlbuilder-js</a>
lodash	3.1.0	MIT	<a href="https://lodash.com/">https://lodash.com/</a>