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1 List of used Open Source Components.

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3	Alsa Plugins	1.1.8	GNU Lesser Gener al Public Licens e v2.1 or later	ftp://ftp.alsa- project.org/pub/plugins/	Copyright (c) 2008 by Sjoerd Simons <sjoerd@luon.net>, Copyright (c) 2006 by Pierre Ossman <ossman@cendio.se>.;</ossman@cendio.se></sjoerd@luon.net>
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2 5 libsoup 4	2.68. 2 al	U rar http://tracker.debian.org/pk bsoup2.4	Gifford,All rights reserved.; Copyright (C) 2007,2008,2013 Red Hat, Inc. Copyright (C) 2008 Diego Escalante Urrelo. Copyright (C) 2009 Gustavo Noronha Silva. Copyright (C) 1999-2003,2000-2003,2001-



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2 6 6	litehtml	Unsp ecifi ed	BSD 3- Clause "New" or "Revis ed" Licens e	http://code.google.com/p/liteh tml/	2010, 2011 Google Inc. All Rights Reserved.;
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2 9 5	serd	0.26. 0	ISC Licens e	https://drobilla.net/software/s erd	Copyright 2011-2017 David Robillard;
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source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange. If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code. 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. You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do a) Accompany the work with the complete corresponding machine-readable one of these things: 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. c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution. d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place. e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy. For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the



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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

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The former contains code derived from the library, while the latter only works together with the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely welldefined independent of the application. Therefore, Subsection 2d requires that any applicationsupplied 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.

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

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3.1.22 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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3.1.30 Pythonpsutil_2.1.3.bb

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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

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3.1.36 Android - platform - prebuilts – sdk - 4.4_r1

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3.1.38 Android SDK Support Libraries

Drools:: Scorecards - 5.5.0.Final

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3.1.39 Mongolduu - master-20121109

Home Page: http://github.com/tugstugi/mongolduu/ License: Apache License 2.0

3.1.40 Stan-for-Android - 0.1.0

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

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3.1.41 doT - 1.0.1

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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

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3.1.45 OpenSSL

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

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3.1.46 CRC32

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3.1.47 SHA-1 in C

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3.1.49 CMarkup - 11.05

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3.1.50 Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56xx Microcontrollers - 2.10 special edition

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3.1.51 LZO real-time data compression library - 2.04

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3.1.54 Android - platform - bootable - recovery - 5.0.0_r1

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3.1.55 Android - platform - bootable - recovery - 2.3_r1

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3.1.56 Android - platform - system - core - 4.2

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3.1.57 File system in Userspace - 2.8.7

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3.1.58 lz4 Compression algorithm - r111

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3.1.59 Android -platform - system - core/libmincrypt

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3.1.63 Bsdiff - 4.3

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3.1.64 GNU C Library – glibc - 2.2.4

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3.1.65 IGEP Linux Kernel - 2.6.28.10-igep0020b-0

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3.1.66 squashfs - a compressed fs for Linux - squashfs4.3

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3.1.67 File system in User space - 2.9.3

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

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3.1.70 7 Zip - LZMA SDK - 9.2

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3.1.71 7-Zip - 7-Zip -3.11

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3.1.73 XZ Utils -5.0.7

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

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3.1.75 Android - platform – dalvik - 2.1_r1

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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

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3.1.80 Boost C++ Libraries - boost

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3.1.81 gecko-dev

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

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3.1.82 libogg

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1.2beta2 dev

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3.1.86 jsoncpp

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3.1.88 pugixml

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3.1.90 Sunrise/set calculator

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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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3.1.93 GSM 06.10 Lossy Speech Compression

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

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3.1.94 Curl and Libcurl

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3.1.95 aladdin-md5

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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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3.1.97 SDL

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3.1.98pkgconf

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3.1.99 Code Project - C++ Memory Pool

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

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Acknowledgements:

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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• The hard-coding of config options in opensslconf.h.



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- The addition of compile-time
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- •
- 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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3.2.7 libjpeg-turbo

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The extensive file, README-turbo.txt, which can be found in the source code retrieved from the



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3.2.8 expat

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

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

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Adapted from NetBSB libc by Dieter Baron

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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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3.2.12 LodePNG

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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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3.2.18 portaudio

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3.2.19 libxml2

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3.2.19.2 hash.c

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3.2.19.4 trio.c, trio.h

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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.

3.2.20 miniupnpc

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Project web page: http://miniupnp.free.fre/ or http://miniupnp.tuxfamily.org/

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3.2.20.3 RealVNC modifications to

miniupnpc The following modifications

have been made:

- 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://libromcrypt.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.



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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

3.2.23 Base64.java

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@author Robert Harder

@author rob@iharder.net

@version 2.3.5.2.

3.2.24 Internal Android OS APIs

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3.2.25 ExtractMpegFramesTest.java

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3.2.26 libupnp (pupnp)

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3.2.27 libudev

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3.2.28 WPA Supplicant

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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



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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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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	https://github.com/brianloveswords/b uffer-crc32
dbus-native	0.2.0	MIT	https://github.com/sidorares/node- dbus
dbus-proxy	0.0.0- unreleasable	NA	NA
abstract-socket	1.1.0	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#readm e
1to2	1.0.0	MIT	NA
event-stream	3.3.4	MIT	http://github.com/dominictarr/event- stream
duplexer	0.1.1	MIT	https://github.com/Raynos/duplexer
from	0.1.3	MIT	https://github.com/dominictarr/from
map-stream	0.1.0	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/strea m-combiner
through	2.3.8	MIT	https://github.com/dominictarr/throug h
put	0.0.6	MIT/X11	https://github.com/substack/node-put
xml2js	0.1.14	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	2.1.2	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/



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request	2.53.0	Apache-2.0	https://git	hub.com/request/request	
aws-sign2	0.5.0	NA	https://git	hub.com/mikeal/aws-sign	
bl	0.9.4	MIT	https://git	hub.com/rvagg/bl	
readable-stream	1.0.33	MIT	https://git stream	hub.com/isaacs/readable-	
core-util-is	1.0.1	MIT	https://git	hub.com/isaacs/core-util-is	
inherits	2.0.1	ISC	https://git	hub.com/isaacs/inherits	
isarray	0.0.1	MIT	https://git y	hub.com/juliangruber/isarra	
string_decoder	0.10.31	MIT		hub.com/rvagg/string_deco	
caseless	0.9.0	BSD	https://git	hub.com/mikeal/caseless	
combined- stream	0.0.7	NA	https://git combined-	hub.com/felixge/node- -stream	
delayed-stream	0.0.5	NA	https://git delayed-st	hub.com/felixge/node- rream	
forever-agent	0.5.2	NA	https://git agent	hub.com/mikeal/forever-	
form-data	0.2.0	MIT	-	hub.com/felixge/node-form-	
async	0.9.0	MIT	https://git	hub.com/caolan/async	
hawk	NA	./LICENSE	NA		
hawk	2.3.1	BSD	https://git	hub.com/hueniverse/hawk	
boom	2.6.1	BSD		hub.com/hapijs/boom	
cryptiles	2.0.4	BSD	https://git	hub.com/hapijs/cryptiles	
hoek	2.11.0	BSD	https://git	hub.com/hapijs/hoek	
sntp	1.0.9	BSD		hub.com/hueniverse/sntp	
http-signature	0.10.1	MIT		hub.com/joyent/node-http-	
asn1	0.1.11	NA	NA		
assert-plus	0.1.5	NA	https://git assert-plus	hub.com/mcavage/node- s	
ctype	0.5.3	NA	https://git ctype	hub.com/rmustacc/node-	
isstream	0.1.1	MIT	https://git	hub.com/rvagg/isstream	
json-stringify- safe	5.0.0	BSD	https://git stringify-sa	hub.com/isaacs/json- afe	
mime-types	2.0.9	MIT	<u> </u>	hub.com/jshttp/mime-types	
mime-db	1.7.0	MIT	https://git	hub.com/jshttp/mime-db	
node-uuid	1.4.2	MIT		hub.com/broofa/node-uuid	
oauth-sign	0.6.0	NA		hub.com/mikeal/oauth-sign	
qs	2.3.3	BSD		hub.com/hapijs/qs	
stringstream	0.0.4	MIT		hub.com/mhart/StringStrea	
tough-cookie	0.12.1	MIT		hub.com/goinstant/tough-	



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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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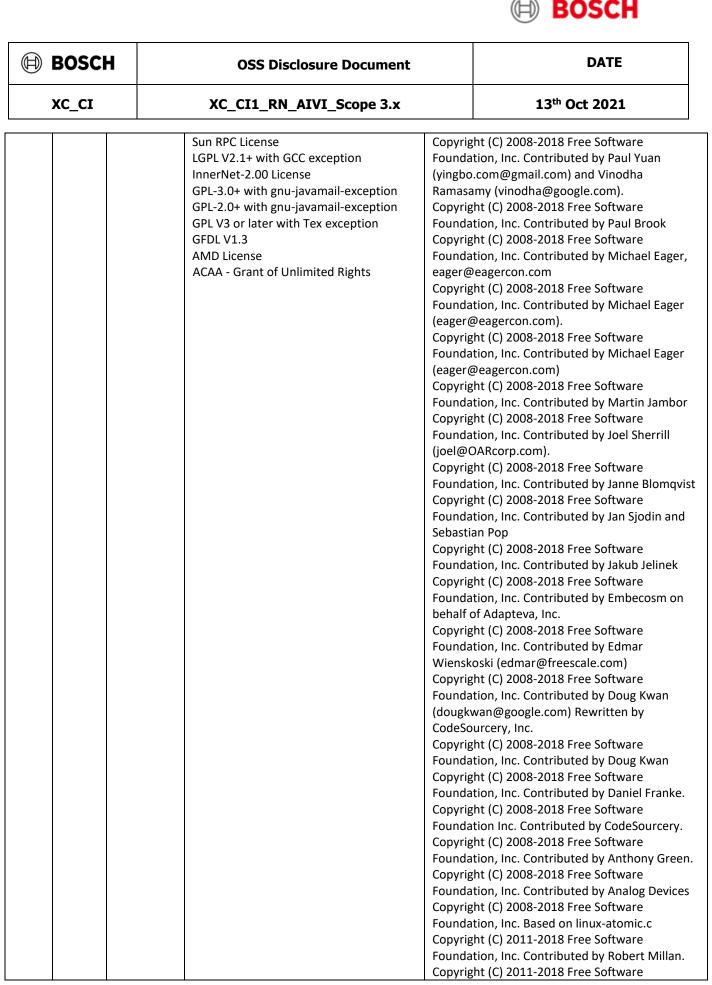


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