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<b>XC_CI</b>	<b>XC_CI1_RN_AIVI_Scope 3.x</b>	<b>16<sup>th</sup> Sept 2021</b>


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4	Alsa Tools	1.1.5	GNU General Public License v2.0 or later	<a href="http://www.alsa-project.org/">http://www.alsa-project.org/</a>	Copyright (C) 2000 by Daniel Bertrand, Copyright (c) 2008 Takashi Iwai <tiwai@suse.de>, Copyright (c) 2014 David Henningsson, Canonical Ltd. <david.henningsson@canonical.com>, Copyright (c) 2003 by Digigram <alsa@digigram.com>,

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			later		
1 2	Boost C++ Libraries - boost	1.67. 0, 1.57. 0	Boost Softw are Licens e 1.0	<a href="http://sourceforge.net/projects/boost/">http://sourceforge.net/projects/boost/</a>	Copyright (c) 2003-2015 Christopher M. Kohlhoff (chris at kohlhoff dot com), Copyright (C) 2016-2017 Bayerische Motoren Werke Aktiengesellschaft (BMW AG), Copyright (c) 2001- 2012 Hartmut Kaiser, Copyright (c) 2001 Daniel C. Nuffer, Copyright Beman Dawes 1994-2006, 2011, Copyright (C) 2007-8 Anthony Williams, Copyright 2011-2012 Vicente J. Botet Escriba, Copyright 2013 Andrey Semashev, Copyright Douglas Gregor 2001-2004, Copyright 2002 Robert Ramey, Copyright (c) 1998- 2004 John Maddock, Copyright Jens Maurer 2000, Copyright Steven Watanabe 2010-2011, Copyright Vladimir Prus 2002-2004, Copyright Sascha Ochseneck 2009, Copyright Bertolt Mildner 2004, Copyright John Maddock 2008, Copyright (c) 2009-2011 Artyom Beilis (Tonkikh), Copyright 2003- 2007 Jonathan Turkanis, Copyright 2008 CodeRage, LLC (turkanis at coderage dot com), Copyright Craig Henderson 2002, Copyright (c) 2002-2004 CrystalClear Software, Inc, Copyright Ion Gaztanaga 2015-2015,

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Ty Coon, President of Vice

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

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

License: Apache License 2.0

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

Drools:: Scorecards - 5.5.0.Final

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

License: Apache License 2.0

### **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/>

License: Apache License 2.0

### **3.1.41 doT - 1.0.1**

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

License: MIT License

### **3.1.42 JQuery: 2.0.3**

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


License: MIT License

### **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/>

License: MIT License

#### **3.1.45 OpenSSL**

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

License: OpenSSL Combined License

#### **3.1.46 CRC32**

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

License: Public Domain

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

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

License: Public Domain

#### **3.1.48 SyncML C Toolkit - 4.0.3**

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

License: SyncML License

#### **3.1.49 CMarkup - 11.05**

License: Acquired Cmarkup developer license


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

License: Acquired commercial license

#### **3.1.51 LZO real-time data compression library - 2.04**

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

License: Acquired commercial license

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### **3.1.52 UCL Data Compression Library - 1.03**

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

License: Acquired commercial license

### **3.1.53 Android - platform - bootable – recovery - 4.0.1\_r1**

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

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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**

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

License: Apache License 2.0

### **3.1.56 Android - platform - system – core - 4.2**

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

License:

### **3.1.57 File system in Userspace - 2.8.7**

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

License: BSD 2-clause "Simplified" License

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


Home Page: <http://code.google.com/p/lz4/>

License: BSD 2-clause "Simplified" License

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

Home Page: [https://android.googlesource.com/platform/system/core/+/\\_master/libmincrypt](https://android.googlesource.com/platform/system/core/+/_master/libmincrypt)

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### **3.1.60 lucy search engine – lucy - 0.6.0**

Home Page: <http://sourceforge.net/projects/lucy-search/>

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### **3.1.61 NetBSD - 1.4**

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

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

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### **3.1.63 Bsdiff - 4.3**

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

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

License: BSDiff license

### **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-igep0020b-0**

Home Page: <http://www.igep.es/>

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

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


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### **3.1.67 File system in User space - 2.9.3**

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

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### **3.1.68 Libdivsufsort - 2.0.0**

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

License: MIT License

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

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

License: MIT License

### **3.1.70 7 Zip - LZMA SDK - 9.2**

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

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### **3.1.71 7-Zip - 7-Zip -3.11**

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**

Home Page <http://www.zlib.net>

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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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Version Unspecified

<http://sourceforge.net/projects/vector-agg/>

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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**

Version Unspecified

<http://boost.org/>

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Unspecified

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

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### **3.1.82 libogg**

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<http://xiph.org/ogg/>

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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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### **3.1.86 jsoncpp**

Version

Unspecified


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

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### **3.1.87 libxml2**

**Version**

**Unspecified**

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### **3.1.88 pugixml**

Version

Unspecified

<http://pugixml.org/>

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### **3.1.89 SQLite**

Version Unspecified

<http://www.sqlite.org/>

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### **3.1.90 Sunrise/set calculator**

Version Unspecified

<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**

Version Unspecified

<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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<https://github.com/timothytylee/libgsm/blob/master/COPYRIGHT>

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Berlin, 28.11.1994 Jutta Degener Carsten Bormann

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### **3.1.94 Curl and Libcurl**

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<http://github.com/curl/curl/>

Copyright (C) 1998 - 2011, Daniel Stenberg, <daniel@haxx.se>, et al.

curl License

### **3.1.95 aladdin-md5**

Version Unspecified

<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**

Version 2.0

<http://www.libsdl.org/index.php>

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#### **3.1.96.1 SDL\_gfx**

Version Unspecified

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


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#### **3.1.96.2 zlib**

Version 1.2.11 <http://www.zlib.net/>

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### **3.1.98pkgconf**

Version Unspecified

<http://github.com/pkgconf/pkgconf/>

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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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### **3.1.102 GStreamer**

Version Unspecified

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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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- 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++**

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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: miniupnp

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

Author: Thomas Bernard

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### **3.2.20.3 RealVNC modifications to**

**miniupnpc** The following modifications

have been made:

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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>

### 3.2.23 Base64.java

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Please visit <http://iharder.net/base64> periodically to check for updates or to contribute improvements.


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

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

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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*.

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### 3.2.31 mxcfb.h

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axTLS Embedded SSL

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### 3.2.32 RealVNC modifications to axTLS


Some unwanted type and function definitions have been removed.

## 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-">http://github.com/dominictarr/map-</a>

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			stream
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
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-sign">https://github.com/mikeal/aws-sign</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>


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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>
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/node-mkdirp">https://github.com/substack/node-mkdirp</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>


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Sl. No.	Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	More Information
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