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Mozilla Public License 2.0	4.31
TCP Wrappers License	4.31
Silicon Graphics New License	4.32
X11 License	4.34
OpenSSL Combined License	4.35
PCRE 5 License	4.36
PostgreSQL License	4.37
Public Domain	4.38
Python License 2.0	4.39
Libpng License	4.39
zlib License	4.40
Apache Software License Version 1.1	4.41
Info-ZIP Updated License	4.42
GNU Library General Public License v2 or later	4.43
FreeImage Public License - Version 1.0	4.44
ISC license	4.45
Seetex License	4.46


### 3 Package details for OSS Licenses usage

#### 3.1 7 Zip - LZMA SDK

Description:	LZMA is the default and general compression method of 7z format in the 7-Zip program.\
Available under the license:	Public domain.
Terms and Conditions:	Refer Section 4.38

#### 3.2 ACL 2.2.51

Description:	acl package contains utilities to administer Access Control Lists, which are used to define more fine-grained discretionary access rights for files and directories.
Available under the license:	GNU Lesser General Public License v2.1 or later
Copyright ©:	

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<b>CM-AI/PJ-CC</b>	OSS Licenses used in Suzuki Project	<b>Page</b> 13

Terms and Conditions:

Refer Section 4.17

### 3.3 Alsa Libraries 1.0.27.2

Description:

The ALSA Library package contains the ALSA library used by programs (including ALSA Utilities) requiring access to the ALSA sound interface.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (c) 2000 by Abramo Bagnara <abramo@alsa-project.org>

Terms and Conditions:

Refer Section 4.17

### 3.4 AES - Advanced Encryption Standard 1.0

Description:

Implementation of the encryption scheme AES

Available under the license:

Zlib License

Copyright ©:

Chris Lomont (chris@lomont.org), copyright 2000-2005.

Terms and Conditions:

Refer Section 4.40

### 3.5 Alsa Plugins 1.0.26

Description:

The ALSA Plugins package contains plugins for various audio libraries and sound servers.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (c) 2006 by Pierre Ossman <ossman@cendio.se>

Terms and Conditions:

Refer Section 4.17

### 3.6 Alsa Utils 1.0.27.2

Description:

The ALSA Utilities package contains various utilities which are useful for controlling your sound card.

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 2000-2004 James Courtier-Dutton

Copyright (C) 2005 Nathan Hurst

Terms and Conditions:

Refer Section 4.16

### 3.7 APMD 3.2.2

Description:

Advanced Power Management daemon. apmd monitors the advanced power management device, apm(4), acting on signaled events and upon user requests as sent by the apm(8) program.

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright 1996, 1997 Rickard E. Faith (faith@acm.org).

Terms and Conditions:

Refer Section 4.16

### 3.8 Atomic\_ops

Description:

Provides implementations for atomic memory update operations on a number of architectures.

Available under the license:

MIT License

Copyright ©:

Copyright (c) 1991-


1994 by Xerox Corporation. All rights reserved.

Copyright (c) 1996-

1999 by Silicon Graphics. All rights reserved.

Copyright (c) 1999-2003 by Hewlett-

Packard Company. All rights reserved.

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Terms and Conditions:

Refer Section 4.29

### 3.9 Attr 2.4.46

Description:

The attr package contains utilities to administer the extended attributes on filesystem objects

Available under the license:

GNU General Public License v2.0

Copyright ©:

Copyright (c) 2000-2002, 2004 Silicon Graphics, Inc.

Terms and Conditions:

Refer Section 4.16

### 3.10 Audio File Library 0.2.7

Description:

The Audio File Library is a C-based library for reading and writing audio files in many common formats.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (C) 1999, Elliot Lee <sopwith@redhat.com>

Terms and Conditions:

Refer Section 4.17

### 3.11 Atftp

Description:

Atftp is a client/server implementation of the TFTP protocol that implements RFCs

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (c) 2000 Jean-Pierre Lefebvre  
<helix@step.polymtl.ca> and Remi Lefebvre  
remi@debian.org

Terms and Conditions:

Refer Section 4.16

### 3.12 Avahi 0.6.31

Description:

Avahi is an Implementation the DNS Service Discovery and Multicast DNS specifications for Zeroconf Computing

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

This file is part of avahi.

Terms and Conditions:

Refer Section 4.17

### 3.13 Base-passwd 3.5.29

Description:

Debian base system master password and group files

Available under the license:

GNU General Public License v2.0 only

Copyright ©:

Copyright 1999-2002 Wichert Akkerman

Terms and Conditions:

Refer Section 4.16

### 3.14 Bash 3.2.48

Description:

Bash is the shell, or command language interpreter, that will appear in the GNU operating system.

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 1997-2004 Free Software Foundation, Inc..


Terms and Conditions:

Refer Section 4.16

### 3.15 Bison with GPL 3 exception 2.7.1

Description:

Bison is a general-purpose parser generator that converts an annotated context-free grammar into a deterministic LR or generalized LR (GLR) parser employing LALR(1) parser

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Available under the license: tables  
 License for Bison with GPL 3 exception  
 Copyright ©: Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002, 2003, 2004, 2005, 200 Free Software Foundation, Inc  
 Terms and Conditions: Refer Section 4.6

### 3.16 Blktrace 1.0.5

Description: blktrace is a block layer IO tracing mechanism which provides detailed information about request queue operations up to user space.

Available under the license: GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 2007 Alan D. Brunelle Alan.Brunelle@hp.com

Terms and Conditions: Refer Section 4.16

### 3.17 BlueZ 4.101

Description: BlueZ provides support for the core Bluetooth layers and protocols

Available under the license: GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 2010 Nokia Corporation

Copyright (C) 2010 Marcel Holtmann

<marcel@holtmann.org>

Terms and Conditions:

Refer Section 4.16

### 3.18 BlueZ HCI Dump

Description: BlueZ Bluez-hcidump is the BlueZ project Bluetooth HCI data dumper.

Available under the license: GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 2002-2003 Maxim Krasnyansky

Copyright (C) 2010 Marcel Holtmann

<marcel@holtmann.org>

Terms and Conditions:

Refer Section 4.16

### 3.19 Boost C++ Libraries

Description: Boost provides free peer-reviewed portable C++ source libraries.

Available under the license: Boost License 1.0

Terms and Conditions: Refer Section 4.23

### 3.20 BPSTL

Description: STL is a generic library. It provides basic algorithms and data structures of computer science.

Available under the license: Silicon Graphics License


Copyright ©: 1996-1997 Silicon Graphics Computer Systems, Inc.

1994 Hewlett-Packard Company

Terms and Conditions:

Refer Section 4.32

### 3.21 Btrfs-progs 0.20

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Description: Btrfs is a new copy on write filesystem for Linux aimed at implementing advanced features while focusing on fault tolerance, repair and easy administration

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright (C) 2007 Oracle. All rights reserved.

Terms and Conditions: Refer Section 4.16

### 3.22 Busybox 1.21.1

Description: BusyBox combines tiny versions of many common UNIX utilities into a single small executable. It provides replacements for most of the utilities you usually find in GNU fileutils, shellutils, etc

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright (C) 1999-2004 by Erik Andersen  
<andersen@codepoet.org>

Terms and Conditions: Refer Section 4.16

### 3.23 Bzip2 1.0.6

Description: bzip2 is a free and open-source file compression program that uses the Burrows–Wheeler algorithm. It only compresses single files and is not a file archiver

Available under the license: Bzip2 License

Copyright ©: Copyright (C) 1996-2010 Julian Seward <jseward@bzip.org>.

Terms and Conditions: Refer Section 4.10

### 3.24 Cairo Vector Graphics Library 1.12.14

Description: Cairo is a 2D graphics library with support for multiple output devices, both raster and vector.

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright © 2002 University of Southern California  
Copyright © 2004 Carl Worth.

Terms and Conditions: Refer Section 4.17

### 3.25 Cairo-Pixman 0.30.2

Description: Pixman is a low-level software library for pixel manipulation, providing features such as image compositing and trapezoid rasterization

Available under the license: MIT License

Copyright ©: Copyright © 2009 Nokia Corporation  
Copyright © 2009 ARM Ltd, Movial Creative Technologies Oy

Terms and Conditions: Refer Section 4.29

### 3.26 ca-certificates 20150426

Description: Contains the certificate authorities shipped with Mozilla's browser to allow SSL-based applications to check for the authenticity of SSL connections.


Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright © 2003 Fumitoshi UKAI  
Technologies Oy

Terms and Conditions: Refer Section 4.16

### 3.27 Cdparanoia 10.2



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Description: cdparanoia is a Compact Disc Digital Audio (CDDA) extraction tool, commonly known on the net as a 'ripper'

Available under the license: GNU Lesser General Public License 2.1

Copyright ©: Copyright (C) 2008 Monty xiphmont@mit.edu and Heiko Eissfeldt heiko@escape.colossus.de

Terms and Conditions: Refer Section 4.17

### 3.28 CEDevice Manager plug-ins 0.3.2

Description: Copyright (c) 2008 Wind River Systems, Inc.

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright (C) 1991, 1999 Free Software Foundation, Inc.

Terms and Conditions: Refer Section 4.17

### 3.29 Chkconfig 1.3.59

Description: Updates and queries runlevel information for system services

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright 1997-2009 Red Hat, Inc.

Terms and Conditions: Refer Section 4.16

### 3.30 CMUSphinx 0.7

Description: CMUSphinx is a speaker-independent large vocabulary continuous speech recognizer

Available under the license: BSD 2-clause "Simplified" License

Copyright ©: Copyright (c) 1994-2001 Carnegie Mellon University. All rights reserved..

Terms and Conditions: Refer Section 4.7

### 3.31 ConnMan 1.17

Description: The ConnMan project provides a daemon for managing internet connections within embedded devices running the Linux operating system

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright (C) 2007-2012 Intel Corporation. All rights reserved.

Copyright (C) 2012 BMW Car IT GmbH. All rights reserved.

Terms and Conditions: Refer Section 4.16

### 3.32 Crypt::Curve25519 0.01

Description: Generate shared secret using elliptic-curve Diffie-Hellman function

Available under the license: BSD 3-clause "New" or "Revised" License

Copyright ©: Copyright 2008, Google Inc.


Terms and Conditions: Refer Section 4.8

### 3.33 Curl 7.16.0

Description: curl is free and open software that compiles and runs under a wide variety of operating systems.

Available under the license: Curl License

Copyright ©: Copyright (C) 1998 - 2012, Daniel Stenberg, <daniel@haxx.se>, et al.

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Terms and Conditions:

Refer Section 4.26

### 3.34 CVTUTF 1.0

Description:

Conversions between UTF32, UTF-16, and UTF-8

Available under the license:

Unicode

Copyright ©:

2001 Unicode, Inc.

Terms and Conditions:

Refer Section 4.25

### 3.35 Darwin Source Repository - diskdev\_cmds 332.25

Description:

The Darwin Source Repository is a project created in 2007 to ensure that the sources to Darwin are always available

Available under the license:

Apple Public Source License 1.1

Copyright ©:

Copyright (c) 1996-2002, 2005 Apple Computer, Inc. All rights reserved Reserved.

Terms and Conditions:

Refer Section 4.3

### 3.36 dbus-glib 0.100.2

Description:

D-Bus is a message bus system, a simple way for applications to talk to one another

Available under the license:

Academic Free License v2.1/GPL-v2.0

Copyright ©:

Copyright (C) 2004 Red Hat, Inc.

Terms and Conditions:

Refer Section 4.1 , 4.16

### 3.37 D-Bus MBS 1.6.18

Description:

D-Bus is a message bus system, a simple way for applications to talk to one another

Available under the license:

Academic Free License v2.1

Multiple license :

Academic Free License v2.1/GPL-v2.0

Copyright ©:

Copyright (C) 2002, 2003, 2004 Red Hat Inc..

Terms and Conditions:

Refer Section 4.1, 4.16

### 3.38 Dbus-python 1.2.0

Description:

D-Bus is a message bus system, a simple way for applications to talk to one another

Available under the license:

MIT License

Copyright ©:

Copyright (C) 2006 Collabora Ltd.

<<http://www.collabora.co.uk/>>.

Terms and Conditions:

Refer Section 4.29

### 3.39 Developer's Image Library - DevIL - 1.7.8

Description:

It is a cross-platform image library utilizing a simple syntax to load, save, convert, manipulate, filter and display a variety of images with ease.

Available under the license:


LGPL v2.1 or later

Copyright ©:

2000-2009 Denton Woods.

Terms and Conditions:

Refer Section 4.17

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### 3.40 Dnsmasq- 2.68

Description:	Dnsmasq is a lightweight, easy to configure DNS forwarder, designed to provide DNS (and optionally DHCP and TFTP) services to a small-scale network. It can serve the names of local machines which are not in the global DNS.
Available under the license:	GNU General Public License v2.0
Copyright ©:	Copyright (c) 2000-2013 Simon Kelley, Copyright (c) 2013 Jason A. Donenfeld
Terms and Conditions:	Refer Section 4.16

### 3.41 Dosfstools 2.11

Description:	dosfstools contains utilities for making and checking MS-DOS FAT filesystems
Available under the license:	GNU General Public License v2.0 or later
Copyright ©:	Not available
Terms and Conditions:	Refer Section 4.16

### 3.42 eCryptfs - ecryptfs-userspace r100

Description:	eCryptfs is a POSIX-compliant enterprise-class stacked cryptographic filesystem for Linux
Available under the license:	GNU General Public License v2.0 or later
Copyright ©:	Copyright (C) 2004-2006 International Business Machines Corp.
Terms and Conditions:	Refer Section 4.16

### 3.43 elfutils 0.148

Description:	A collection of libraries and utilities for working with ELF object files and DWARF debugging information.
Available under the license:	GNU General Public License v2.0 or later
Copyright ©:	Copyright (C) 2006 Red Hat, Inc.
Terms and Conditions:	Refer Section 4.16

### 3.44 eSound - The Enlightened Sound Daemon 0.2.36


Description:	Esound is an audio mixing server that allows multiple applications to output sound to the same audio device.
Available under the license:	GNU General Public License v2.0 or later
Terms and Conditions:	Refer Section 4.16

### 3.45 Etest 1.25

Description:	etest is a open source tool that can be used for testing the USB HID class drivers and any other drivers based on event framework
Available under the license:	GNU General Public License v2.0 or later
Terms and Conditions:	Refer Section 4.16

### 3.46 ethtool 3.10

Description:	ethtool is the standard Linux utility for controlling network drivers and hardware, particularly for wired Ethernet devices
Available under the license:	GNU General Public License v2.0 or later
Copyright ©:	Copyright (C) 1998 David S. Miller (davem@dm.cobaltmicro.com)

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Portions Copyright 2001 Sun Microsystems  
 Kernel 2.4 update Copyright 2001 Jeff Garzik  
 <jgarzik@mandrakesoft.com>  
 Wake-on-LAN,natsemi,misc support by Tim Hockin  
 <thockin@sun.com>  
 Portions Copyright 2002 Intel  
 Portions Copyright (C) Sun Microsystems 2008  
 do\_test support by Eli Kupermann  
 <eli.kupermann@intel.com>  
 ETHTOOL\_PHYS\_ID support by Chris Leech  
 <christopher.leech@intel.com>  
 e1000 support by Scott Feldman  
 <scott.feldman@intel.com>  
 e100 support by Wen Tao <wen-hwa.tao@intel.com>  
 ixgb support by Nicholas Nunley  
 <Nicholas.d.nunley@intel.com>  
 amd8111e support by Reeja John <reeja.john@amd.com>  
 long arguments by Andi Kleen.  
 SMSC LAN911x support by Steve Glendinning  
 <steve.glendinning@smsc.com>  
 Rx Network Flow Control configuration support  
 <santwona.behera@sun.com>  
 Various features by Ben Hutchings  
 <bhutchings@solarflare.com>;  
 Copyright 2009, 2010 Solarflare Communications  
 Refer Section 4.16

Terms and Conditions:

### 3.47 EXIF Tag Parsing Library – libexif 0.6.21

Description: libexif The EXIF library allows you to parse an EXIF file  
 and read the data from those tags  
 Available under the license: LGPL v2.1 or later  
 Copyright ©: Copyright (c) 2001 Lutz Mueller  
 <lutz@users.sourceforge.net>  
 Terms and Conditions: Refer Section 4.17

### 3.48 Expat XML Parser – expat 1.95.8, 2.1.0


Description: Expat is an XML parser library written in C  
 Available under the license: Expat License  
 Copyright ©: Copyright (c) 1998, 1999  
 Thai Open Source Software Center Ltd.  
 Terms and Conditions: Refer Section 4.11

### 3.49 Ext2 Filesystems Utilities e2fsprogs-1.42.8

Description: The Ext2 Filesystem Utilities (e2fsprogs) contain all of the  
 standard utilities for creating, fixing, configuring , and  
 debugging ext2 filesystems.  
 Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Copyright (C) 1999 Theodore Ts'o <tytso@mit.edu>.  
 Terms and Conditions: Refer Section 4.16

### 3.50 Fastlz

Description: Compression Library

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Available under the license: MIT  
 Copyright ©: Copyright © 2007-2011 Ariya Hidayat.  
 Terms and Conditions: Refer Section 4.29

### 3.51 Festival Speech Synthesis System 2.1

Description: Festival offers a general framework for building speech synthesis systems as well as including examples of various modules

Available under the license: Festival Speech Synthesis System License  
 Copyright ©: Centre for Speech Technology Research  
 University of Edinburgh, UK  
 Copyright (c) 1996,1997.  
 Terms and Conditions: Refer Section 4.12

### 3.52 Filesystem in Userspace 2.9.2

Description: With FUSE it is possible to implement a fully functional filesystem in a userspace program.

Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Copyright (C) 2001-2007  
 Miklos Szeredi <miklos@szeredi.hu>.  
 Terms and Conditions: Refer Section 4.16

### 3.53 Find Utils 4.2.31

Description: GNU Find Utilities are the basic directory searching utilities of the GNU operating system..

Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Copyright (C) 1990, 1998, 1999, 2001, 2002, 2003, 2004, 2005, 2006, 2007  
 Terms and Conditions: Refer Section 4.16

### 3.54 Fine Free File Command 5.14

Description: The file command is "a file type guesser", that is, a command-line tool that tells you *in words* what kind of data a file contains.

Available under the license: Fine Free File Command License  
 Copyright ©: Copyright (c) Ian F. Darwin 1986-1995.  
 Software written by Ian F. Darwin and others  
 maintained 1995-present by Christos Zoulas and others..  
 Terms and Conditions: Refer Section 4.13


### 3.55 FLAC-Free Lossless Audio Codec - flac-src 1.2.1

Description: FLAC stands for Free Lossless Audio Codec, an audio format similar to MP3, but lossless, meaning that audio is compressed in FLAC without any loss in quality

Available under the license: GNU General Public License v2.0  
 Copyright ©: Copyright (C) 2001,2002,2003,2004,2005, 2006,2007 Josh Coalson.  
 Terms and Conditions: Refer Section 4.16

### 3.56 Font Config 2.10.2

Description: Fontconfig is a library for configuring and customizing font access.

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Copyright ©:  
Terms and Conditions:

MIT License  
Copyright © 2002 Keith Packard.  
Refer Section 4.29

### 3.57 Free Association (libical) 0.48

Description:

The Free Association project maintains libical, an open source reference implementation of the icalendar data type and serialization format. libical is used in dozens of calendaring and scheduling products.

Available under the license:  
Copyright ©:

GNU Lesser General Public License v2.1 or later  
COPYRIGHT 2000, Eric Busboom,  
<http://www.softwarestudio.org>.

Terms and Conditions:

Refer Section 4.17

### 3.58 Free Image 3.15.4

Description:

FreeImage is an Open Source library project for developers who would like to support popular graphics image formats like PNG, BMP, JPEG, TIFF and others as needed by today's multimedia applications. FreeImage is easy to use, fast, multithreading safe, compatible with all 32-bit or 64-bit versions of Windows, and cross-platform (works both with Linux and Mac OS X).

Available under the license:  
Copyright ©:  
Terms and Conditions:

FreeImage Public License 1.0

Refer Section 4.44

### 3.59 Free Type 2.5.3

Description:

It is written in C, designed to be small, efficient, highly customizable, and portable while capable of producing high-quality output (glyph images) of most vector and bitmap font formats.

Available under the license:  
Copyright ©:

Free Type Project License  
Copyright 2008, 2009, 2011 by  
David Turner, Robert Wilhelm, and Werner Lemberg..

Terms and Conditions:

Refer Section 4.14

### 3.60 GCC C++ / libstdc++ 4.8.1

Description:

The GNU Compiler Collection (GCC) is a compiler system produced by the GNU Project supporting various programming languages.

Available under the license:  
Copyright ©:

GCC Runtime Library Exception 3.1 to GPL 3  
Copyright (C) 1989, 1992, 1993, 1994, 1995, 1996, 1997,  
1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2007,  
2008, 2009, 2010, 2011 Free Software Foundation, Inc.

Terms and Conditions:

Refer Section 4.15

### 3.61 GDK-Pixbuf 2.28.2

Description:


GdkPixbuf is a library for image loading and manipulation.

Available under the license:  
Copyright ©:

GNU Library General Public License v2 or later  
Copyright (C) 1999 The Free Software Foundation.

Terms and Conditions:

Refer Section 4.43

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### 3.62 Gen.3 Freescale i.MX u-boot

Description

The i.MX range is a family of Freescale Semiconductor proprietary microprocessors for multimedia applications based on the ARM architecture and focused on low-power consumption.  
 Available under the license: GPL v2.0 or later  
 Terms and Conditions: Refer Section 4.16

### 3.63 GENIVI Audio Manager - MIT

Description:

The AudioManager is a framework for managing audio in an In-Vehicle Infotainment (IVI) context..

Available under the license:

MIT License.

Copyright ©:

Copyright (C) 2012, BMW AG

Terms and Conditions:

Refer Section 4.29

### 3.64 GENIVI Audio Manager 3.2, 4.2

Description:

The AudioManager is a framework for managing audio in an In-Vehicle Infotainment (IVI) context..

Available under the license:

Mozilla Public License 2.0

Copyright ©:

Copyright (C) 2012, BMW AG

Terms and Conditions:

Refer Section 4.31

### 3.65 GENIVI Diagnostic Log and Trace Daemon 2.10.0

Description:

GENIVI Diagnostic Log and Trace Daemon DLT is a reusable open source software component for standardized logging and tracing in infotainment ECUs based on the AUTOSAR 4.0 standard.

Available under the license:

Mozilla Public License 2.0

Copyright ©:

Copyright (C) 2012, BMW AG.

Terms and Conditions:

Refer Section 4.31

### 3.66 GENIVI IPC CommonAPI C++ DBus Runtime 2.0.6

Description:

CommonAPI C++ is an Inter Process Communication (IPC) language binding API for C++, which enables applications to use different IPC middleware as backend without any changes to the application code.

Available under the license:

Mozilla Public License 2.0

Copyright ©:

Copyright (C) 2013 BMW Group

Terms and Conditions:

Refer Section 4.31

### 3.67 GENIVI IPC CommonAPI C++ Runtime 2.0.2

Description:

CommonAPI C++ is an Inter Process Communication (IPC) language binding API for C++, which enables applications to use different IPC middleware as backend without any changes to the application code.

Available under the license:

Mozilla Public License 2.0


Copyright ©:

Copyright (C) 2013 BMW Group

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### 3.68 GENIVI IVILayer Management 1.2.0, 0.9.7

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Description: GENIVI IVI Layer Management to define a common API and provide a proof-of-concept implementation for the IVI Layer Management Service.

Available under the license: Apache License 2.0

Copyright ©: Copyright 2012 BMW Car IT GmbH  
Copyright (C) 2012 DENSO CORPORATION and Robert Bosch Car Multimedia GmbH.

Terms and Conditions: Refer Section 4.2

### 3.69 GENIVI Node Startup Controller 1.0.2

Description: GENIVI Node Startup Controller The Node Startup Controller (NSC) was introduced into the lifecycle package for GENIVI in order to handle some startup and shutdown functionality.

Available under the license: Mozilla Public License 2.0

Copyright ©: Copyright (c) 2012 GENIVI.

Terms and Conditions: Refer Section 4.31

### 3.70 giflib -- A library for processing GIFs - giflib 4.x 4.1.6

Description: A library for processing GIFs - giflib 4.x giflib is a library for reading and writing gif images.

Available under the license: OSF - X Consortium License

Copyright ©: Written by: Gershon Elber, IBM PC Ver 0.1, Jun. 1989

Terms and Conditions: Refer Section 4.27

### 3.71 Gladman AES

Description: Brian Gladman's implementation of AES for Encryption and Decryption.

Available under the license: BSD 2-clause "Simplified" License

Copyright ©: Copyright (c) 1998-2010, Brian Gladman, Worcester, UK. All rights reserved.

Terms and Conditions: Refer Section 4.7

### 3.72 GLES2

Description: OpenGL computer graphics rendering application programming interface (API) for rendering 2D and 3D computer graphics such as those used by video games, typically hardware-accelerated using a graphics processing unit

Available under the license: SGI Free Software License B v2.0

Terms and Conditions: Refer Section 4.4

### 3.73 Glib 2.36.4, 2.32.4, 2.32.3, 2.38.2

Description: A library for processing GIFs - giflib 4.x giflib is a library for reading and writing gif images.


Available under the license: GNU Library General Public License v2 or later

Copyright ©: Copyright (C) 1995-1997 Peter Mattis, Spencer Kimball and Josh MacDonald

Terms and Conditions: Refer Section 4.43

### 3.74 GMP - GNU Multiple Precision Arithmetic Library 4.2.1



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<b>CM-AI/PJ-CC</b>	OSS Licenses used in Suzuki Project	<b>Page</b> 25

Description: GMP is a free library for arbitrary precision arithmetic, operating on signed integers, rational numbers, and floating-point numbers.

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright 1991, 1993, 1994, 1995, 1996, 1997, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.

Terms and Conditions: Refer Section 4.17

### 3.75 GNU Bin Utils 2.17.50.0.12

Description: The GNU Binutils are a collection of binary tools.

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.

Terms and Conditions: Refer Section 4.16

### 3.76 GNU C Library – glibc 2.19

Description: The GNU C Library is used as the C library in the GNU systems and most systems with the Linux kernel.

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright (C) 1995-2012 Free Software Foundation, Inc

Terms and Conditions: Refer Section 4.17

### 3.77 GNU Diff Utils 2.8.1

Description: GNU Diffutils is a package of several programs related to finding differences between files.

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright (C) 1993, 1995, 1998, 2001, 2002 Free Software Foundation, Inc

Terms and Conditions: Refer Section 4.16

### 3.78 GNU Libtool 2.4.2

Description: GNU libtool is a generic library support script. Libtool hides the complexity of using shared libraries behind a consistent, portable interface

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright (C) 2004, 2006, 2007 Free Software Foundation, Inc  
Written by Gary V. Vaughan, 2004

Terms and Conditions: Refer Section 4.17


### 3.79 GNU Readline Library 5.2

Description: The GNU Readline library provides a set of functions for use by applications that allow users to edit command lines as they are typed in. Both Emacs and vi editing modes are available..

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright (C) 2000 Free Software Foundation, Inc

Terms and Conditions: Refer Section 4.16

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<b>CM-AI/PJ-CC</b>	OSS Licenses used in Suzuki Project	<b>Page</b> 26

### 3.80 GnuPG 1.4.7

Description:

GnuPG allows to encrypt and sign your data and communication, features a versatile key management system as well as access modules for all kinds of public key directories.

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 2003,2004,2005 Free Software Foundation, Inc

Terms and Conditions:

Refer Section 4.16

### 3.81 GnuTLS 2.12.23

Description:

GnuTLS is a secure communications library implementing the SSL, TLS and DTLS protocols and technologies around them.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (C) 1999, 2002, 2006, 2009-2013 Free Software Foundation, Inc.

Terms and Conditions:

Refer Section 4.17

### 3.82 gPhoto – libgphoto 2.4.11

Description:

gPhoto is a free, redistributable, ready to use set of digital camera software applications for Unix-like systems, written by a whole team of dedicated volunteers around the world.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

author Copyright 1999 Matthew G. Martin  
author Copyright 2000 Scott Fritzing

Terms and Conditions:

Refer Section 4.17

### 3.83 gst-fsl-plugins

Description:  
with

Provides support for Freescale's ARM platforms for use

Open Embedded.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (c) 2008-2012, Freescale Semiconductor, Inc.

Terms and Conditions:

Refer Section 4.17

### 3.84 GSTREAMER PLUGINS-BAD 0.10.23

Description:

GStreamer is a library for constructing graphs of media-handling components

Available under the license:


GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (C) 2011 Intel Corporation  
Copyright (C) 2011 Sreerenj Balachandran <sreerenj.balachandra@intel.com>  
Copyright (C) 2012 Wim Taymans <wim.taymans@gmail.com>  
Copyright (C) 2012 Mentor Graphics Corporation  
Copyright (C) 2012 Mikhail Durnev  
<Mikhail\_Durnev@mentor.com>

Terms and Conditions:

Refer Section 4.17

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### 3.85 GSTREAMER PLUGINS-BASE 0.10.36

Description: GStreamer is a library for constructing graphs of media-handling components

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright 2005 David Schleef <ds@schleef.org>

Terms and Conditions: Refer Section 4.17

### 3.86 GSTREAMER PLUGINS-GOOD 0.10.31

Description: GStreamer is a library for constructing graphs of media-handling components

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright (C) <2004> Benjamin Otte <otte@gnome.org>  
<2007> Stefan Kost <ensonic@users.sf.net>  
<2007> Sebastian Dröge <slomo@circular-chaos.org>

Terms and Conditions: Refer Section 4.17

### 3.87 GTK 2.24.20

Description: GTK+, or the GIMP Toolkit, is a multi-platform toolkit for creating graphical user interfaces

Available under the license: GNU Library General Public License v2 or later

Copyright ©: Copyright (C) 1995-1997 Peter Mattis,  
Spencer Kimball and Josh MacDonald

Terms and Conditions: Refer Section 4.43

### 3.88 gzip 1.3.12

Description: gzip (GNU zip) is a compression utility designed to be a replacement for compress

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Not available

Terms and Conditions: Refer Section 4.16

### 3.89 HarfBuzz 0.9.35, 0.9.18

Description: HarfBuzz is an OpenType text shaping engine.

Available under the license: MIT License

Copyright ©: Copyright © 2009 Red Hat, Inc.

Terms and Conditions: Refer Section 4.29

### 3.90 Half 1.11.0

Description: This is a C++ header-only library to provide an IEEE-754 conformant half-precision floating point type along with corresponding arithmetic operators, type conversions and common mathematical functions.

Available under the license: MIT License


Terms and Conditions: Refer Section 4.29

### 3.91 HalfFloat-Float

Description: This is a C++ header-only library to provide an IEEE-754 conformant half-precision floating point type along with corresponding arithmetic operators, type conversions and common mathematical functions.

Available under the license: Public Domain

Terms and Conditions: Refer Section 4.38

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### 3.92 Hidapi

Description:	HIDAPI is a multi-platform library which allows an application to interface with USB and Bluetooth HID-Class devices on Windows, Linux, FreeBSD, and Mac OS X.
Available under the license:	BSD 2-clause "Simplified" License
Terms and Conditions:	Refer Section 4.7

### 3.93 HFS Utilities 3.2.6

Description:	HFS is the "Hierarchical File System," the native volume format used on modern Macintosh computers.
Available under the license:	GNU General Public License v2.0 or later
Copyright ©:	Copyright (C) 1996-1998 Robert Leslie
Terms and Conditions:	Refer Section 4.16

### 3.94 ICU - International Components for Unicode 51.2

Description:	ICU is a mature, widely used set of C/C++ and Java libraries providing Unicode and Globalization support for software applications
Available under the license:	ICU License
Copyright ©:	Copyright (C) 1997-2011, International Business Machines Corporation and others. All Rights Reserved.
Terms and Conditions:	Refer Section 4.18

### 3.95 IEEE 802.1d ethernet bridging 1.5


Description:	802.1D is the IEEE MAC Bridges standard which includes Bridging, Spanning Tree and others.
Available under the license:	GNU General Public License v2.0 or later
Copyright ©:	Copyright (C) 2000 Lennert Buytenhek
Terms and Conditions:	Refer Section 4.16

### 3.96 Info-ZIP project - source-Zip 3.0

Description:	Info-ZIP's purpose is to provide free, portable, high-quality versions of the Zip and UnZip compressor-archiver utilities that are compatible with the DOS-based PKZIP by PKWARE, Inc.
Available under the license:	Info-ZIP Updated License
Copyright ©:	Copyright (c) 1990-2008 Info-ZIP. All rights reserved.
Terms and Conditions:	Refer Section 4.42

### 3.97 IP Tables 1.4.19.1

Description:	iptables is a user space application program that allows a system administrator to configure the tables provided by the Linux kernel firewall (implemented as different Netfilter modules) and the chains and rules it stores
Available under the license:	GNU General Public License v2.0 or later
Copyright ©:	(C) 2000-2006 by the netfilter coreteam <coreteam@netfilter.org>
Terms and Conditions:	Refer Section 4.16

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### 3.98 ISC BIND 9.8.1

Description:	BIND is open source software that implements the Domain Name System (DNS) protocols for the Internet
Available under the license:	ICU License
Copyright ©:	Copyright (C) 2004-2007, 2009 Internet Systems Consortium,
	Inc. ("ISC")
	Copyright (C) 2000, 2001 Internet Software Consortium.
Terms and Conditions:	Refer Section 4.18

### 3.99 ISC DHCP 4.2.5-P1

Description:	ISC DHCP is open source software that implements the Dynamic Host Configuration Protocol for connection to an IP network.
Available under the license:	ISC License (BSD -)
Copyright ©:	Copyright (c) 2009-2010, 2012 by Internet Systems Consortium, Inc. ("ISC")
	Copyright (c) 2004-2007 by Internet Systems Consortium, Inc.
	Copyright (c) 1999-2003 by Internet Software Consortium
Terms and Conditions:	Refer Section 4.19

### 3.100 ubootIW 3.11


Description:	IW is a new nl80211 based CLI configuration utility for wireless devices
Available under the license:	ISC License
Copyright ©:	Copyright (c) 2007, 2008 Johannes Berg
	Copyright (c) 2007 Andy Lutomirski
	Copyright (c) 2007 Mike Kershaw
	Copyright (c) 2008-2009 Luis R. Rodriguez
Available under the license:	ISC License.
Terms and Conditions:	Refer Section 4.45

### 3.101 JasPer 1.900.1

Description:	The JasPer Project is an open-source initiative to provide a free software-based reference implementation of the codec specified in the JPEG-2000 Part-1 standard (i.e., ISO/IEC 15444-1)
Available under the license:	JasPer 2.0 License (MIT +)
Copyright ©:	Copyright (c) 1999-2000, Image Power, Inc. and the University of British Columbia.
	Copyright (c) 2001-2003 Michael David Adams.
Terms and Conditions:	Refer Section 4.20

### 3.102 JSON-C 0.9

Description:	JSON (JavaScript Object Notation) is a lightweight data-interchange format.
Available under the license:	MIT License
Copyright ©:	Copyright (c) 2004, 2005 Metaparadigm Pte. Ltd.
	Michael Clark <michael@metaparadigm.com>

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### 3.103 Kernel Configuration System

Description

kernel configuration, which provide an alternative to otherwise spending hours manually configuring each and every one of the options available during compilation.

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 1997 Kaz Kylheku

Terms and Conditions:

Refer section 4.16

### 3.104 Keyutils 1.5.5

Description:

Keyutils is a set of utilities for managing the key retention facility in the kernel, which can be used by filesystems, block devices and more to gain and retain the authorization and encryption keys required to perform secure operations.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (C) 2005, 2011 Red Hat, Inc. All Rights Reserved.  
Written by David Howells

Terms and Conditions:

Refer Section 4.17

### 3.105 Khronos Group - OpenGL ES 2.0

Description:

OpenGL for Embedded Systems (OpenGL ES or GLES) is a subset of the OpenGL computer graphics rendering application programming interface (API) for rendering 2D and 3D computer graphics.

Available under the license:

MIT License

Copyright ©:

Copyright 2012 - 2015 Vivante Corporation, Santa Clara California, Copyright (c) 2007-2009 The Khronos Group Inc

Terms and Conditions:

Refer Section 4.29

### 3.106 Kmod 14.0

Description:

The Kmod package contains libraries and utilities for loading kernel modules

Available under the license:

GNU General Public License v2.0

Copyright ©:

Copyright (C) 2011-2012 ProFUSION embedded systems

Terms and Conditions:

Refer Section 4.16

### 3.107 LatencyTOP 0.5

Description:

LatencyTOP measures the average and maximum amount of latency in various operations by inserting annotation calls in the kernel.

Available under the license:

GNU General Public License v2.0

Copyright ©:

Copyright 2008, Intel Corporation


Terms and Conditions:

Refer Section 4.16

### 3.108 Lib Cap 2.22

Description:

The libcap package implements the user-space interfaces

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Copyright ©:

Terms and Conditions:

to the POSIX 1003.1e capabilities available in Linux kernels. These capabilities are a partitioning of the all powerful root privilege into a set of distinct privileges. BSD 3-clause "New" or "Revised" License  
Copyright (c) 1997-8 Andrew G Morgan  
<morgan@kernel.org>.  
Refer Section 4.8

### 3.109 libatasmart 0.19

Description:

Available under the license:  
Copyright ©:  
Terms and Conditions:

The libatasmart package implements the user-space interfaces These capabilities are a partitioning of the all powerful root privilege into a set of distinct privileges. GNU Lesser General Public License v2.1 or later  
Copyright 2008 Lennart Poettering  
Refer Section 4.17

### 3.110 libaio 0.3.109-r2

Description:

Available under the license:  
Copyright ©:  
Terms and Conditions:

This is a library for accessing the new AIO system calls (asynchronous i/o) for the Linux kernel.  
GNU Library General Public License v2 or later  
Copyright 2002 Red Hat, Inc.  
Refer Section 4.43

### 3.111 Libbsd 0.3.0

Description:

Available under the license:  
Copyright ©:

Terms and Conditions:

This library provides useful functions commonly found on BSD systems, and lacking on others like GNU systems, thus making it easier to port projects with strong BSD origins, without needing to embed the same code over and over again on each project.  
BSD 3-clause "New" or "Revised" License  
Copyright (c) 1996, David Mazieres <dm@uun.org>  
Copyright (c) 2008, Damien Miller <djm@openbsd.org>  
Refer Section 4.8

### 3.112 libblkid 2.24

Description:

Available under the license:  
Copyright ©:

Terms and Conditions:


libblkid - block device identification library  
GNU Lesser General Public License v2.1  
Copyright (C) 2001 Andreas Dilger,  
Copyright (C) 2003 Theodore Ts'o,  
Copyright (C) 2008 Karel Zak  
Refer Section 4.17

### Libdaemon 0.14

Description:

Available under the license:  
Copyright ©:

The libdaemon package is a lightweight C library that eases the writing of UNIX daemons.  
GNU Lesser General Public License v2.1 or later  
Copyright 2003-2008 Lennart Poettering.

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### 3.113 Libdrm 2.4.46

Description:

libdrm provides a user space library for accessing the DRM, direct rendering manager, on operating systems that support the ioctl interface.

Available under the license:

MIT License

Copyright ©:

Copyright 1999 Precision Insight, Inc., Cedar Park, Texas.  
Copyright 2000 VA Linux Systems, Inc., Sunnyvale, California..

Terms and Conditions:

Refer Section 4.29

### 3.114 libevent - an asynchronous event library 2.0.21

Description:

The libevent API provides a mechanism to execute a callback function when a specific event occurs on a file descriptor or after a timeout has been reached.

Available under the license:

BSD 3-clause "New" or "Revised" License

Copyright ©:

Copyright (c) 2002-2007 Niels Provos  
<provos@citi.umich.edu>.

Terms and Conditions:

Refer Section 4.8

### 3.115 libffi 3.0.13

Description:

The libffi library provides a portable, high level programming interface to various calling conventions.

Available under the license:

MIT License

Copyright ©:

Copyright (c) 2007, 2009, 2010 Red Hat, Inc.  
Copyright (C) 2007, 2009, 2010 Free Software Foundation,

Inc

Terms and Conditions:

Copyright (c) 2011 Plausible Labs Cooperative, Inc.  
Refer Section 4.29

### 3.116 libgcrypt 1.5.3

Description:

Libgcrypt is a general purpose cryptographic library based on the code from GnuPG.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (C) 2002, 2003, 2004 Free Software Foundation, Inc

Terms and Conditions:

Refer Section 4.17

### 3.117 Libpgp-error Lib 1.12

Description:

The libpgp-error package contains a library that defines common error values for all GnuPG components

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (C) 2003, 2004, 2010 g10 Code GmbH

Terms and Conditions:

Refer Section 4.17

### 3.118 libjpeg 8d, 8b

Description:

Libjpeg is a widely used C library for reading and writing JPEG image files

Available under the license:

Independent JPEG Group License


Copyright ©:

Copyright (C) 1994-1998, Thomas G. Lane.

Terms and Conditions:

Refer Section 4.21



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### 3.119 libmtp 1.1.5, 1.1.6

Description: libmtp is an Initiator implementation of the Media Transfer Protocol (MTP) in the form of a library suitable primarily for POSIX compliant operating systems.  
libnfsidmap  
Available under the license: GNU Lesser General Public License v2.1 or later  
Copyright ©: Copyright (C) 2005-2011 Linus Walleij <triad@df.lth.se>.  
Terms and Conditions: Refer Section 4.17

### 3.120 libnettle nettle\_2.7\_release\_20130424

Description: Nettle is a cryptographic library that is designed to fit easily in more or less any context: In crypto toolkits for object-oriented languages (C++, Python, Pike ...), in applications like LSH or GNUPG, or even in kernel space.  
Available under the license: GNU Lesser General Public License v2.1 or later  
Copyright ©: Copyright (C) 2002 Niels Möller  
Terms and Conditions: Refer Section 4.17

### 3.121 libnfsidmap 0.25

Description: Library to help mapping id's, mainly for NFSv4.  
Available under the license: BSD 3-clause "New" or "Revised" License  
Copyright ©: Copyright (c) 2004 The Regents of the University of Michigan. All rights reserved..  
Terms and Conditions: Refer Section 4.8

### 3.122 libnl - Netlink Library 3.2.22

Description: The libnl suite is a collection of libraries providing APIs to netlink protocol based Linux kernel interfaces  
Available under the license: GNU Lesser General Public License v2.1 or later  
Copyright ©: Netlink Library - Copyright (c) 2003-2012 Thomas Graf <tgraf@suug.ch>  
Terms and Conditions: Refer Section 4.17

### 3.123 LibPNG


Description: PNG reference library  
Available under the license: zlib license  
Copyright ©: Copyright © 2000-2014 Greg Roelofs. libpng copyright 1995-2014 contributing authors.  
Terms and Conditions: Refer Section 4.40

### 3.124 Libsvrg 2.32.1

Description: libRSVG is a very fast SVG rendering engine which currently support most of the SVG 1.2 specification, except the animation part.  
Available under the license: GNU Library General Public License v2 or later  
Terms and Conditions: Refer Section 4.43

### 3.125 Libsigc++ 2.2.11

Description: 'libsigc++' implements a callback system for use in abstract interfaces and general programming.  
Available under the license: GNU Lesser General Public License v2.1 or later  
Terms and Conditions: Refer Section 4.17

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### 3.126 libogg 1.3.1

Description: The libogg package contains the Ogg file structure. This is useful for creating (encoding) or playing (decoding) a single physical bit stream.

Available under the license: BSD 3-clause "New" or "Revised" License

Copyright ©: THE OggVorbis SOURCE CODE IS (C) COPYRIGHT 1994-2010 by the Xiph.Org Foundation  
<http://www.xiph.org/>

Terms and Conditions: Refer Section 4.8

### 3.127 Libsndfile 1.0.25

Description: Libsndfile is a library of C routines for reading and writing files containing sampled audio data.

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright (C) 1999-2011 Erik de Castro Lopo  
<erikd@mega-nerd.com>.  
Copyright (C) 2005 David Viens <davidv@plogue.com>

Terms and Conditions: Refer Section 4.17

### 3.128 Libsoup 2.42.1

Description: The libsoup is HTTP client/server library for GNOME. It uses GObject and the GLib main loop to integrate with GNOME applications and it also has asynchronous API for use in threaded applications

Available under the license: GNU Library General Public License v2 or later

Copyright ©: Copyright (C) 2010 Red Hat, Inc.

Terms and Conditions: Refer Section 4.43

### 3.129 Libtaginfo – 0.1.6

Description: Libtaginfo is a library for reading media metadata (tags)

Available under the license: LGPL v2.1

Terms and Conditions: Refer Section 4.17

### 3.130 Libtheora 1.1.1

Description: libtheora is a reference implementation of the Theora video compression format being developed by the Xiph.Org Foundation

Available under the license: libtheora License

Copyright ©: THE Theora SOURCE CODE IS COPYRIGHT (C) 2002-2009 by the Xiph.Org Foundation <http://www.xiph.org/>

Terms and Conditions: Refer Section 4.22


### 3.131 Libtiff 4.0.3

Description: The LibTIFF package contains the TIFF libraries and associated utilities. The libraries are used by many programs for reading and writing TIFF files and the utilities are used for general work with TIFF files.

Available under the license: LiBTiff License

Copyright ©: Copyright (c) 1991-1997 Sam Leffler. Copyright (c) 1991-1997 Silicon Graphics, Inc.

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### 3.132 Libtirpc 0.2.3

Description:	The libtirpc package contains libraries that support programs that use the Remote Procedure Call (RPC) API. It replaces the RPC, but not the NIS library entries that used to be in glibc.
Available under the license:	BSD 3-clause "New" or "Revised" License
Copyright ©:	Copyright (c) 2009, Sun Microsystems, Inc.
Terms and Conditions:	Refer Section 4.8

### 3.133 Libunwind 1.1

Description:	Used to define a portable and efficient C programming interface (API) to determine the call-chain of a program.
Available under the license:	MIT License
Copyright ©:	Copyright (C) 2008 CodeSourcery
Terms and Conditions:	Refer Section 4.29

### 3.134 Libusb 1.0.9, 1.0.5

Description:	The libusb package contains a library used by some applications for USB device access.
Available under the license:	GNU Lesser General Public License v2.1 or later
Copyright ©:	Copyright (C) 2007-2008 Daniel Drake <dsd@gentoo.org>. Copyright (c) 2001 Johannes Erdfelt
<johannes@erdfelt.com>	
Terms and Conditions:	Refer Section 4.17

### 3.135 Libunibreak 2.1

Description:	Libunibreak is an implementation of Unicode line and word breaking algorithms.
Available under the license:	zlib License
Terms and Conditions:	Refer Section 4.40

### 3.136 Libvorbis 1.3.3


Description:	The libvorbis package contains a general purpose audio and music encoding format. This is useful for creating (encoding) and playing (decoding) sound in an open (patent free) format
Available under the license:	BSD 3-clause "New" or "Revised" License
Copyright ©:	THE Ogg Vorbis SOURCE CODE IS (C) COPYRIGHT 1994-2007 by the Xiph.Org Foundation <a href="http://www.xiph.org/">http://www.xiph.org/</a>
Terms and Conditions:	Refer Section 4.8

### 3.137 libX11 1.6.1

Description:	It provides a complete API for the basic functions of the window system.
Available under the license:	X11 License
Copyright ©:	Copyright 1986, 1998 The Open Group
Terms and Conditions:	Refer Section 4.34

### 3.138 libXau 1.0.7

Description:	The libXau package contains a library implementing the X11 Authorization Protocol. This is useful for restricting client access to the display.
--------------	---

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Copyright ©:  
Terms and Conditions:

MIT License  
Copyright 1988, 1998 The Open Group  
Refer Section 4.29

### 3.139 libXdamage 1.1.4

Description:

LibXdamage provides an X Window System client interface to the DAMAGE extension to the X protocol.

Available under the license:  
Copyright ©:

MIT License  
Copyright © 2003 Keith Packard. Copyright © 2007 Eric Anholt

Terms and Conditions:

Refer Section 4.29

### 3.140 libXdmcp 1.1.1

Description:

The libXdmcp package contains a library implementing the X Display Manager Control Protocol. This is useful for allowing clients to interact with the X Display Manager.

Available under the license:  
Copyright ©:  
Terms and Conditions:

X11 License  
Copyright 1989, 1998 The Open Group  
Refer Section 4.34

### 3.141 libXext 1.3.2

Description:

LibXext provides an X Window System client interface to several extensions to the X protocol, including DOUBLE-BUFFER (DBE), DPMS, Extended-Visual-Information (EVI), LBX, MIT-SHM, MIT-SUNDRY-NONSTANDARD, Multi-Buffering, SECURITY, SHAPE, SHAPE, SYNC, TOG-CUP, XC-APPGROUP, XC-MISC, XTEST and possibly others

Available under the license:  
Copyright ©:

X11 License  
Copyright (c) 1996 Digital Equipment Corporation, Maynard, Massachusetts.

Terms and Conditions:

Refer Section 4.34

### 3.142 libXfixes 5.0.1

Description:

LibXfixes provides an X Window System client interface to the 'XFIXES' extension to the X protocol.

Available under the license:  
Copyright ©:

MIT License  
Copyright (c) 2006, Oracle and/or its affiliates. All rights reserved. Copyright 2011 Red Hat, Inc.

Terms and Conditions:

Refer Section 4.29

### 3.143 libXi 1.7.2

Description:

libXi provides an X Window System client interface to the XINPUT extension to the X protocol.

Available under the license:  
Copyright ©:  
Terms and Conditions:

MIT License  
Copyright 1989, 1998 The Open Group  
Refer Section 4.29


### 3.144 libxkbcommon 0.3.1

Description:

libXi provides an X Window System client interface to the XINPUT extension to the X protocol.

Available under the license:  
Copyright ©:

MIT License  
Copyright 1989, 1998 The Open Group

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### 3.145 libxml2 2.9.1

Description:

The libxml2 package contains libraries and utilities used for parsing XML files.

Available under the license:

MIT License

Copyright ©:

Copyright (C) 2003-2012 Daniel Veillard.

Terms and Conditions:

Refer Section 4.29

### 3.146 libxslt 1.1.28

Description:

Libxslt is the XSLT C library developed for the GNOME project. XSLT itself is a XML language to define transformation for XML.

Available under the license:

MIT License

Copyright ©:

Copyright (C) 2001-2002 Daniel Veillard

Terms and Conditions:

Refer Section 4.29

### 3.147 lighttpd 1.4.32

Description:

Lighttpd is a free web server designed for speed, with all the essential functions of a web server.

Available under the license:

BSD 3-clause "New" or "Revised" License

Terms and Conditions:

Refer Section 4.8

### 3.148 Linux Containers 0.9.0

Description:

It is a userspace interface for the Linux kernel containment features

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

(C) Copyright IBM Corp. 2007, 2008

Terms and Conditions:

Refer Section 4.17

### 3.149 Linux Diagnostic Tools – sysfsutils 2.1.0

Description:

These are a set of utilities built upon sysfs, a new virtual filesystem in Linux kernel versions 2.5+ that exposes a system's device tree

Available under the license:

GNU General Public License v2.0

Copyright ©:

Copyright (C) IBM Corp. 2003-2005

Terms and Conditions:

Refer Section 4.16

### 3.150 Linux DiskQuota 4.01-r1.1

Description:

Tools and patches for the Linux Diskquota system as part of the Linux kernel

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (c) 1980, 1990 Regents of the University of California. All rights reserved.


Terms and Conditions:

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### 3.151 Linux Kernel 3.8

Description:

Linux is a clone of the operating system Unix, written from scratch by Linus Torvalds with assistance from a loosely-knit team of hackers across the Net. It aims towards

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Available under the license:	POSIX and Single UNIX Specification compliance.
Copyright ©:	GNU General Public License v2.0 only (C) 1999 Andrea Arcangeli <andrea@suse.de> (C) 2002 David Woodhouse <dwmw2@infradead.org> (C) 2012 Michel Lespinasse walken@google.com
Terms and Conditions:	Refer Section 4.16

### 3.152 Imbench 3.0

Description:	Imbench is a suite of simple, portable, ANSI/C microbenchmarks for UNIX/POSIX.
Available under the license:	GNU General Public License v2.0 or later
Terms and Conditions:	Refer Section 4.16

### 3.153 LTTng - Linux Trace Toolkit Next Generation 2.3.0

Description:	Linux Trace Toolkit Next Generation The LTTng project aims at providing highly efficient tracing tools for Linux. Its tracers help tracking down performance issues and debugging problems involving multiple concurrent processes and threads.
Available under the license:	GNU Lesser General Public License v2.1 or later
Copyright ©:	Linux Trace Toolkit Next Generation - Copyright (c) 2004 Nik Clayton
Terms and Conditions:	Refer Section 4.17

### 3.154 LZO real-time data compression library 2.06


Description:	LZO is a data compression library which is suitable for data decompression and compression in real-time. This means it favors speed over compression ratio.
Available under the license:	GNU General Public License v2.0 or later
Copyright ©:	Copyright (C) 1996 Markus Franz Xavier Johannes Oberhumer
Terms and Conditions:	Refer Section 4.16

### 3.155 LZO a fast file compression 1.03

Description:	lzop is still a single-threaded program (multithreading is planned for v2), but you can easily achieve process-level parallelism by using the amazing GNU Parallel tool.
Available under the license:	GNU Lesser General Public License v2.1 or later
Copyright ©:	Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Markus F.X.J. Oberhumer.
Terms and Conditions:	Refer Section 4.17

### 3.156 LZ4 Compression algorithm

Description:	lz4 is still a single-threaded program (multithreading is planned for v2), but you can easily achieve process-level parallelism by using the amazing GNU Parallel tool.
Available under the license:	GNU Lesser General Public License v2.1 or later
Copyright ©:	Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Markus F.X.J. Oberhumer.

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### 3.157 Lua-5 v5.1

Description:

Lua is a powerful, fast, lightweight, embeddable scripting language.

Available under the license:

MIT

Copyright ©:

1994–2013 Lua.org, PUC-Rio

Terms and Conditions:

Refer Section 4.29

### 3.158 MDNSResponder - 544

Description:

This layer provides support for Freescale's ARM platforms

for

use with OpenEmbedded and/or Yocto.

Available under the license:

Apache License 2.0

Terms and Conditions:

Refer Section 4.2

### 3.159 mozjs 17.0

Description:

mozjs is intended to be embedded in other applications that provide host environments for JavaScript.

Available under the license:

Mozilla Public License 2.0

Copyright ©:

Copyright (C) 2008 Apple Inc. All rights reserved.

Terms and Conditions:

Refer Section 4.31

### 3.160 mtd-utils 1.5.0

Description:

MTD subsystem (stands for Memory Technology Devices) provides an abstraction layer for raw flash devices

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Not available

Terms and Conditions:

Refer Section 4.16

### 3.161 mosquito: an mqtt message broker

Description:

defines methods (sometimes referred to as verbs) to indicate the desired action to be performed on the identified resource.

Available under the license:

BSD 3-clause "New" or "Revised" License

Terms and Conditions:

Refer Section 4.8

### 3.162 mtdev 1.1.3

Description:

The mtdev package contains Multitouch Protocol Translation Library which is used to transform all variants of kernel MT (Multitouch) events to the slotted type B protocol.

Available under the license:

MIT License


Copyright ©:

Copyright (C) 2010 Henrik Rydberg <rydberg@euromail.se>

Copyright (C) 2010 Canonical Ltd

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### 3.163 ncurses 5.9

Description:

The Ncurses (new curses) library is a free software emulation of curses in System V Release 4.0, and more. It uses Terminfo format, supports pads and color and multiple highlights and forms characters and function-key mapping, and has all the other SYSV-curses enhancements over BSD Curses.

Available under the license:

MIT License

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Copyright © 1996-2012,2013 by Thomas E. Dickey

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### 3.164 Netscape Portable Runtime (NSPR) 4.10

Description:

NSPR provides a platform-neutral API for system level and libc-like functions. The API is used in the Mozilla clients, many of Red Hat's and Sun's server applications, and other software offerings.

Available under the license:

Mozilla Public License 2.0

Copyright ©:

© 2005-2013 Mozilla Developer Network and individual contributors

Terms and Conditions:

Refer Section 4.31

### 3.165 NFS - nfs-utils 1.2.8

Description:

The NFS Utilities package contains the userspace server and client tools necessary to use the kernel's NFS abilities. NFS is a protocol that allows sharing file systems over the network

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 1995, 1996 Olaf Kirch <okir@monad.swb.de>.

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### 3.166 nss-mdns 0.10

Description:

nss-mdns provides client functionality only, which means that you have to run a mDNS responder daemon separately from nss-mdns if you want to register the local host name via mDNS

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GNU Lesser General Public License v2.1 or later

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Copyright 2004-2007 Lennart Poettering

<mzaffzqaf (at) 0pointer (dot) de>

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### 3.167 NTFS-3G Read/Write Driver 2013.1.13

Description:

The NTFS-3G driver is a freely and commercially available and supported read/write NTFS driver for Linux, FreeBSD, Mac OS X, NetBSD, Solaris, Haiku, and other operating systems.

Available under the license:

GNU General Public License v2.0 or later

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Copyright (c) 2004-2005 Richard Russon

Copyright (c) 2004-2008 Szabolcs Szakacsits


Copyright (c) 2005 Yura Pakhuchiy

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### 3.168 oFono 1.12



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Description: oFono is a free software project for mobile telephony (GSM/UMTS) applications.  
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Copyright ©: Copyright (C) 2008-2011 Intel Corporation.  
All rights reserved.  
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### 3.169 Openjpeg

Description: The OpenJPEG library is an open-source JPEG 2000 library developed in order to promote the use of JPEG 2000.  
Available under the license: BSD 2-Clause simplified license  
Copyright ©: Copyright (c) 2002-2014, Universite catholique de Louvain (UCL), Belgium  
Copyright (c) 2002-2014, Professor Benoit Macq  
Copyright (c) 2003-2007, Francois-Olivier Devaux  
Terms and Conditions: Refer Section 4.7

### 3.170 Open Scene Graph 3.0.1

Description: The OpenSceneGraph is an open source high performance 3D graphics toolkit, used by application developers in fields such as visual simulation, games, virtual reality, scientific visualization and modelling.  
Available under the license: OpenSceneGraph Public License  
Copyright ©: Copyright (C) 2002 Robert Osfield, Copyright (C) 1998 Julian Smart, Robert Roebing [, ...]  
Terms and Conditions: Refer Section 4.24

### 3.171 Opengles-book-samples 2.0

Description: Sample code, half float to float conversion code.  
Available under the license: MIT  
Terms and Conditions: Refer Section 4.29


### 3.172 OpenSSH 6.2p2

Description: OpenSSH is a FREE version of the SSH connectivity tools that technical users of the Internet rely on.  
Available under the license: BSD 3-clause "New" or "Revised" License  
Copyright ©: Copyright (c) 1994 Tatu Ylonen <ylo@cs.hut.fi>, Espoo, Finland  
Terms and Conditions: Refer Section 4.8

### 3.173 OpenSSL 1.0.1e

Description: The OpenSSL Project is a collaborative effort to develop a robust, commercial-grade, full-featured, and Open Source toolkit implementing the Secure Sockets Layer (SSL v2/v3) and Transport Layer Security (TLS v1) protocols as well as a full-strength general purpose cryptography library.  
Available under the license: OpenSSL Combined License  
Copyright ©: Copyright (c) 1998-2011 The OpenSSL Project  
Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson  
Terms and Conditions: Refer Section 4.35

### 3.174 pkg 0.1.8

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Description: Opkg is a lightweight package management system.  
 Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Florian Boor Copyright (C) 2003 kernel concepts  
 Carl D. Worth Copyright (C) 2001 University of Southern California  
 Terms and Conditions: Refer Section 4.16

### 3.175 OProfile 0.9.8

Description: OProfile is a low-overhead, transparent profiler for Linux, capable of instruction-grain profiling of all processes, shared libraries, the kernel and device drivers, via the hardware performance counters.  
 Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Copyright 2002 OProfile authors  
 Terms and Conditions: Refer Section 4.16

### 3.176 P7v 0.2-r2

Description: Program for verifying PKCS#7 packages  
 Available under the license: GNU Lesser General Public License v2.1 only  
 Copyright ©: Copyright (c) 1995 Patrick Powell.  
 Terms and Conditions: Refer Section 4.17

### 3.177 PCRE 5.0,8.33

Description: The PCRE library is a set of functions that implement regular expression pattern matching using the same syntax and semantics as Perl 5.  
 Available under the license: PCRE 5 License  
 Copyright ©: Copyright (c) 1997-2013 University of Cambridge  
 Copyright (c) 1997-2001 University of Cambridge  
 Terms and Conditions: Refer Section 4.36

### 3.178 Perl 5.14.3


Description: Practical Extraction and Report Language. Perl is a family of high-level, general-purpose, interpreted, dynamic programming languages  
 Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Copyright (C) 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 by Larry Wall and others  
 Terms and Conditions: Refer Section 4.16

### 3.179 Pkg Config 0.28

Description: pkg-config is a helper tool used when compiling applications and libraries.  
 Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Copyright (C) 2001, 2002 Red Hat Inc  
 Terms and Conditions: Refer Section 4.16

### 3.180 PNG reference library: libpng - libpng-stable 1.6.10,1.6.8

Description: Reference library for supporting the Portable Network Graphics (PNG) format.  
 Available under the license: libpng license

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Copyright (c) 1998-2011 Glenn Randers-Pehrson  
(Version 0.96 Copyright (c) 1996, 1997 Andreas Dilger)  
(Version 0.88 Copyright (c) 1995, 1996 Guy Eric Schalnat,  
Group 42, Inc.)

Terms and Conditions:

Refer Section 4.39

### 3.181 PolicyKit 0.111

Description:

PolicyKit is an application-level toolkit for defining and handling the policy that allows unprivileged processes to speak to privileged processes, in order to grant some user the right to perform some tasks in some situation (using ConsoleKit).

Available under the license:

GNU Library General Public License v2 or later

Copyright ©:

Copyright (C) 2008-2010 Red Hat, Inc.

Terms and Conditions:

Refer Section 4.43

### 3.182 Popt 1.16

Description:

The popt package contains the popt libraries which are used by some programs to parse command-line options  
MIT License

Available under the license:

Copyright ©:

Copyright (c) 1998 Red Hat Software

Terms and Conditions:

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### 3.183 Port Map 6.0

Description:

It is an Open Network Computing Remote Procedure Call (ONC RPC) service that runs on network nodes that provide other ONC RPC services

Available under the license:

BSD 3-clause "New" or "Revised" License

Copyright ©:

Copyright (c) 1990 The Regents of the University of California .

Terms and Conditions:

Refer Section 4.8

### 3.184 PostgreSQL Database Server 9.2.4

Description:

PostgreSQL is a powerful, open source object-relational database system

Available under the license:

PostgreSQL License

Copyright ©:

Copyright (c) 1996-2009, PostgreSQL Global Development Group

Terms and Conditions:

Refer Section 4.37

### 3.185 ppp - Pauls PPP Package 2.4.5

Description:

ppp (Paul's PPP Package) is an open source package which implements the Point-to-Point Protocol (PPP) on Linux and Solaris systems.

Available under the license:

GNU General Public License v2.0

Copyright ©:

Copyright (C) 2006,2007,2008 Katalix Systems Ltd

Terms and Conditions:

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### 3.186 Psmisc 22.20

Description:

This PSmisc package is a set of some small useful utilities that use the proc filesystem

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Copyright (C) 1993-2002 Werner Almesberger

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Copyright (C) 2002-2012 Craig Small  
Refer Section 4.7

### 3.187 PulseAudio 4.0

Description:

PulseAudio is a free cross-platform network sound server, targeting mostly POSIX-compliant operating systems

Available under the license:

GNU Lesser General Public License version 2.1 or later

Copyright ©:

Copyright 2004-2006 Lennart Poettering

Terms and Conditions:

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### 3.188 Python 2.7.3

Description:

Python is a programming language that lets you work more quickly and integrate your systems more effectively

Available under the license:

Python License 2.0

Copyright ©:

Copyright (c) 1991-1995 Stichting Mathematisch Centrum, Amsterdam.

Terms and Conditions:

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### 3.189 Py2cario2

Description:

Python is a programming language that lets you work more quickly and integrate your systems more effectively

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (c) 1991-1995 Stichting Mathematisch Centrum, Amsterdam.

Terms and Conditions:

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### 3.190 Python bindings for GObject 2.27.91

Description:

This package will bring the two versions of GObject Python modules: the deprecated gobject module, and the new gobject-introspection system.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright (C) 1998-2003 James Henstridge

Terms and Conditions:

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### 3.191 QT 4.8.5

Description:

QT is a cross-platform application framework that is widely used for developing application software.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright 2011 John Doe

Terms and Conditions:

Refer Section 4.17

### 3.192 QT- Mobility

Description:

QT is a cross-platform application framework that is widely used for developing application software.

Available under the license:

GNU Lesser General Public License v2.1 or later

Copyright ©:

Copyright 2011 John Doe


Terms and Conditions:

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### 3.193 RapidXml – 1.13

Description:

It is a XML parser.

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 Copyright ©: 2006, 2007 Marcin Kalicinski.  
 Terms and Conditions: Refer Section 4.29

### 3.194 RPCBind 0.2.0-r4

Description: The rpcbind program is a replacement for portmap. It is required for import or export of Network File System (NFS) shared directories

Available under the license: BSD 3-clause "New" or "Revised" License  
 Copyright ©: Copyright (c) 2009, Sun Microsystems, Inc.  
 Terms and Conditions: Refer Section 4.8

### 3.195 RSA MD5

Description: RSA is a public-key cryptosystem for both encryption and authentication.

Available under the license: zlib License  
 Copyright ©: Copyright (C) 1991-2, RSA Data Security, Inc.  
 Terms and Conditions: Refer Section 4.40

### 3.196 Rsync 2.6.9

Description: rsync is an open source utility that provides fast incremental file transfer.

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 Copyright ©: Copyright (C) 1996-2001 Andrew Tridgell  
 <tridge@samba.org>  
 Copyright (C) 1996 Paul Mackerras  
 Copyright (C) 2001, 2002 Martin Pool <mbp@samba.org>  
 Copyright (C) 2003, 2004, 2005, 2006 Wayne Davison  
 Terms and Conditions: Refer Section 4.16

### 3.197 SELinux reference policies

Description: rsync is an open source utility that provides fast incremental file transfer.

Available under the license: GNU General Public License v2.0 or later  
 Terms and Conditions: Refer Section 4.16

### 3.198 sbc - Bluetooth Low- complexity Subband Codec Library


Description: SBC, or low-complexity subband codec, is an audio subband codec specified by the Bluetooth Special Interest Group (SIG) for the Advanced Audio Distribution Profile (A2DP)

Available under the license: GNU General Public License v2.0  
 Terms and Conditions: Refer Section 4.16

### 3.199 SDC

Description: rsync is an open source utility that provides fast incremental file transfer.

Available under the license: Apache License 1.1

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Terms and Conditions:

Refer Section 4.41

### 3.200 Secret Rabbit Code 0.1.8

Description:

Secret Rabbit Code is a Sample Rate Converter for audio. It is available as a library to convert the sampling rate of PCM audio data.

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 2002-2011 Erik de Castro Lopo  
<erikd@mega-nerd.com>

Terms and Conditions:

Refer Section 4.16

### 3.201 sg3\_utils 1.31

Description:

The sg3\_utils package contains utilities that send SCSI commands to devices. As well as devices on transports traditionally associated with SCSI (e.g. Fibre Channel (FCP), Serial Attached SCSI (SAS) and the SCSI Parallel Interface(SPI)) many other devices use SCSI command sets.

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (c) 1999-2010 Douglas Gilbert.

Terms and Conditions:

Refer Section 4.16

### 3.202 Shadow 4.1.4.3

Description:

The Shadow package contains programs for handling passwords in a secure way

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BSD 3-clause "New" or "Revised" License

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Copyright (c) 1990 - 1994, Julianne Frances Haugh  
Copyright (c) 1996 - 2000, Marek Michalkiewicz  
Copyright (c) 2001 , Michal Moskal  
Copyright (c) 2005 , Tomasz Kloczko  
Copyright (c) 2007 - 2009, Nicolas François

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Refer Section 4.8

### 3.203 SharedMime 1.1-r1

Description:

The shared-mime-info package contains the core database of common types and the update-mime-database command used to extend it.

Available under the license:

GNU General Public License v2.0 or later

Copyright ©:

Copyright (C) 2003 Thomas Leonard

Terms and Conditions:

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### 3.204 Speex 1.2rc1

Description:

Speex is a software, which is patent-free audio compression format designed for speech.

Available under the license:

BSD 3-clause "New" or "Revised" License

Copyright ©:

Copyright (C) 2002 Jean-Marc Valin

Terms and Conditions:

Refer Section 4.8

### 3.205 SQLite 3.7.3, 3.7.15.2 & 3.7.17, 3.8.7.4, 3.5.8

Description:


An Embeddable SQL Database Engine

Available under the license:

Public Domain

Terms and Conditions:

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### 3.206 SQLite3

Description: An Embeddable SQL Database Engine  
Available under the license: Public Domain  
Terms and Conditions: Refer Section 4.38

### 3.207 Squashfs - a compressed fs for Linux **squashfs4.2**

Description: Squashfs is a highly compressed read-only filesystem for Linux. Squashfs compresses both files, inodes and directories, and supports block sizes up to 1Mbytes for greater compression  
Available under the license: GNU General Public License v2.0 or later  
Copyright ©: Copyright (c) 2009, 2010, 2011  
Phillip Lougher <phillip@lougher.demon.co.uk>  
Terms and Conditions: Refer Section 4.16

### 3.208 Strace 4.8

Description: strace is a system call tracer, i.e. a debugging tool which prints out a trace of all the system calls made by a another process/program.  
Available under the license: BSD 3-clause "New" or "Revised" License  
Copyright ©: Copyright (c) 1991, 1992 Paul Kranenburg  
<pk@cs.few.eur.nl>  
Copyright (c) 1993 Branko Lankester <branko@hacktic.nl>  
Copyright (c) 1993, 1994, 1995, 1996 Rick Sladkey  
<jrs@world.std.com>  
Copyright (c) 1996-1999 Wichert Akkerman  
<wichert@cistron.nl>  
Terms and Conditions: Refer Section 4.8

### 3.209 Sunpinyin – 2.0rel-1


Description: Statistical language model based Chinese input method. Used for translation  
Available under the license: GNU Lesser General Public License v2.1 or later  
Terms and Conditions: Refer Section 4.17

### 3.210 Svg\_common

Description: Statistical language model based Chinese input method. Used for translation  
Available under the license: MIT License  
Copyright ©:  
Terms and Conditions: Refer Section 4.29

### 3.211 SystemTap 2.3

Description: SystemTap is an infrastructure to simplify the gathering of information about the running Linux system. This assists diagnosis of a performance or functional problem  
Available under the license: GNU General Public License v2.0 or later  
Copyright ©: Copyright (C) Red Hat Inc, 2005-2007  
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### 3.212 systemd 206

Description:	systemd is a system and service manager for Linux, compatible with SysV and LSB init scripts. systemd provides aggressive parallelization capabilities.
Available under the license:	GNU Lesser General Public License v2.1 or later
Copyright ©:	Copyright 2010 Lennart Poettering Copyright 2010 ProFUSION embedded systems
Terms and Conditions:	Refer Section 4.17

### 3.213 TagLib 1.7 & 1.8

Description:	TagLib is a library for reading and editing the meta-data of several popular audio formats.
Available under the license:	GNU Lesser General Public License v2.1 or later
Copyright ©:	(C) 2011 by Mathias Panzenböck
Terms and Conditions:	Refer Section 4.17

### 3.214 TCP Wrappers 7.6

Description:	<i>TCP Wrapper</i> is a host-based networking ACL system, used to filter network access to Internet Protocol servers on (Unix-like) operating systems such as Linux
Available under the license:	TCP Wrappers License
Copyright ©:	Author: Wietse Venema, Eindhoven University of Technology, The Netherlands.
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### 3.215 The libpcap project 1.3.0

Description:	It is a system-independent interface for user-level packet capture.
Available under the license:	BSD 3-clause "New" or "Revised" License
Copyright ©:	Copyright (c) 1997-8 Andrew G Morgan <morgan@kernel.org>
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### 3.216 The tcpdump project 4.3.0


Description:	It is a tool for network monitoring, protocol debugging and data acquisition.
Available under the license:	BSD 3-clause "New" or "Revised" License
Copyright ©:	Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 2000 The Regents of the University of California. All rights reserved.
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### 3.217 TinyXML 2.6.2

Description:	It is a tool for network monitoring, protocol debugging and data acquisition.
Available under the license:	Zlib License
Terms and Conditions:	Refer Section 4.40

### 3.218 Threaded I/O Tester 0.3.3



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Description: Portable, fully-threaded I/O benchmark program  
 Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Author: Randy Hron <rwron (at) earthlink dot net>  
 Terms and Conditions: Refer Section 4.16

### 3.219 Totem Playlist Parser 3.4.5

Description: It is a general-purpose playlist parser and writer, with support for several different types of playlist.  
 Available under the license: GNU Library General Public License v2 or later  
 Copyright ©: Copyright (C) 2010 Bastien Nocera <hadess@hadess.net>  
 Copyright (c) 2010 William Pitcock  
 <nenolod@dereferenced.org> for amzfile\_decrypt\_blob().  
 Terms and Conditions: Refer Section 4.43

### 3.220 trace-cmd 1.2

Description: Command line reader for ftrace..  
 Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Copyright (C) 2009 Red Hat Inc,  
 Steven Rostedt <srostedt@redhat.com>  
 Terms and Conditions: Refer Section 4.16

### 3.221 Tslib 1.0

Description: It is an abstraction layer for touchscreen panel events, as well as a filter stack for the manipulation of those events  
 Available under the license: GNU Lesser General Public License v2.1 or later  
 Copyright ©: Copyright (C) 2001 Russell King  
 Terms and Conditions: Refer Section 4.17

### 3.222 UBoot

Description: U-Boot (Universal Bootloader) is an open source, primary boot loader used in embedded devices.  
 Available under the license: GNU Lesser General Public License v2.1 or later  
 Terms and Conditions: Refer section 4.17


### 3.223 udisks 1.0.4

Description: Udisks is a daemon, udisksd, that implements well-defined D-Bus interfaces that can be used to query and manipulate storage devices  
 Available under the license: GNU General Public License v2.0 or later  
 Copyright ©: Copyright (C) 2008 David Zeuthen <david@fubar.dk>  
 Terms and Conditions: Refer Section 4.16

### 3.224 Unzip 6.0

Description: UnZip is an extraction utility for archives compressed in .zip format (also called "zipfiles").  
 Available under the license: Info-ZIP Updated License  
 Copyright ©: Copyright (c) 1990-2009 Info-ZIP. All rights reserved.  
 Terms and Conditions: Refer Section 4.42

### 3.225 USB Utils 007

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Description: The USB Utils package contains an utility used to display information about USB buses in the system and the devices connected to them

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright (C) 1999-2001, 2003  
Thomas Sailer (t.sailer@alumni.ethz.ch)  
Copyright (C) 2003-2005 David Brownell

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### 3.226 userspace-rcu 0.7.7

Description: liburcu is a LGPLv2.1 userspace RCU (read-copy-update) library.

Available under the license: GNU Lesser General Public License v2.1 or later

Copyright ©: Copyright 2010 - Mathieu Desnoyers  
<mathieu.desnoyers@efficios.com>

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### 3.227 Util-Linux 2.23.2

Description: Util-linux is a suite of essential utilities for any Linux system.

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright (c) 2008 Roy Peled, the.roy.peled -at- gmail.com  
Copyright (c) 2004-2006 by Michael Holzt, kju -at- fqdn.org

Terms and Conditions: Refer Section 4.16

### 3.228 Yajl - 2.0.1

Description: YAJL is a small event-driven (SAX-style) JSON parser written in ANSI C, and a small validating JSON generator.

Available under the license: ISC

Copyright ©: 2007-2011, Lloyd Hilaie

Terms and Conditions: Refer Section 4.45

### 3.229 vala 0.16.0

Description: Vala is a new programming language that aims to bring modern programming language features to GNOME developers without imposing any additional runtime requirements and without using a different ABI compared to applications and libraries written in C.

Available under the license: GNU Lesser General Public License v2.1 or later

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### 3.230 Valgrind Instrumentation Framework 3.9.0

Description: Valgrind is an instrumentation framework for building dynamic analysis tools.

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### 3.231 WavPack Lossless Audio Compressor 4.60.1

Description: WavPack is a free, fast, flexible and featureful encoder and decoder for audio streams.

Available under the license: BSD 3-clause "New" or "Revised" License

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### 3.232 Wayland 1.2.0

Description: Wayland is a protocol for a compositor to talk to its clients as well as a C library implementation of that protocol.

Available under the license: Seetex License

Copyright ©: Copyright © 2008 Kristian Høgsberg

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### 3.233 wireless-tools 29

Description: The Wireless Extension (WE) is a generic API allowing a driver to expose to the user space configuration and statistics specific to common Wireless LANs

Available under the license: GNU General Public License v2.0 or later

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### 3.234 wpa\_supplicant - IEEE 802.1X, WPA, WPA2, RSN, IEEE 802.11i 2.0

Description: It implements key negotiation with a WPA Authenticator and it controls the roaming and IEEE 802.11 authentication/association of the wlan driver

Available under the license: GNU General Public License v2.0 or later

Copyright ©: Copyright (c) 2002-2008, Jouni Malinen <j@w1.fi>

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### 3.235 X.org – xtrans 1.2.7

Description: The X.Org project provides an open source implementation of the X Window System.

Available under the license: MIT License

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### 3.236 XCB 1.9.1

Description: The X protocol C-language Binding (XCB) is a replacement for Xlib featuring a small footprint


Available under the license: MIT License

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### 3.237 XML Parser generator

Description: A generic XML parser generator. With a DTD input for any ML language, the C parser for that language is generated. The users can embed their C code with a minimal knowledge of

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Copyright ©	BSD 3-clause "New" or "Revised" License
Terms and Conditions	Raghavendra Ganesh (raghavendra.g@gmail.com)
	Refer Sections 4.8

### 3.238 Xcb-proto Protocol Description and Parse Package 1.10

Description:	Xcb-proto provides the XML Protocol descriptions.
Available under the license:	MIT v2 with Ad Clause License
Copyright ©:	Copyright (C) 2001-2006 Bart Massey, Jamey
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### 3.239 XZ Utils 5.1.2

Description:	XZ Utils is free general-purpose data compression software with high compression ratio.
Available under the license:	Public Domain
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### 3.240 Zlib 1.2.3 & 1.2.6 & 1.2.7, 1.1.3, 1.2.8

Description:	zlib is designed to be a free, general-purpose, legally unencumbered -- that is, not covered by any patents -- lossless data-compression library for use on virtually any computer hardware and operating system.
Available under the license:	zlib License
Copyright ©:	Copyright (C) 1995-2006, 2010, 2011, 2012 Mark Adler
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### 3.241 Libcroco

Description:	The libcroco package contains a standalone CSS2 parsing and manipulation library
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`./examples/festival_client.pl`

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# Kevin A. Lenzo (lenzo@cs.cmu.edu) 7/97

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#### 5.1.1 Doug Lea heap 2.8.3

Description

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### 6.1 Mobile Viewer SDK open source dependencies


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Zlib	All	Needed for ZRLE and skins	1.1.4	Copyright © 1995-2002 Jean-loup Gailly and Mark Adler. See section 7.1.2.
OpenSSL	All	Cryptography	0.9.8x	Copyright © 1998-2011 The OpenSSL Project. See section 7.1.3.1.  Copyright © 1995-1998 Eric Young. See section 7.1.3.2.  Note: RealVNC has made a number of modifications to this software. See section 7.1.3.3.
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GCC libstdc++	Embedded Linux on ARM	Standard utilities	4.1.2	Copyright © 1994 to 2009 Free Software Foundation, Inc. See section 7.1.12.
	All other Linux on Intel, QNX, Android		4.4.5	
keysymdef	All	Key Symbol definitions	/main/28 1998/05/22	Copyright © 1987, 1994, 1998 The Open Group.  Copyright © 1987 by Digital Equipment Corporation, Maynard, Massachusetts.  See section 7.1.13.
Endian	All	Platform endianness-checking utility library	Issue 01/08/2005	Copyright © 2003 Dr Brian Gladman, Worcester, UK. See section 7.1.14.
JRTPLIB	All except Windows Desktop	Cross-platform C++ RTP client and server	3.9.1	See <a href="http://research.edm.uhasselt.be/~jori/">http://research.edm.uhasselt.be/~jori/</a> .  See also section 7.1.15.
JThread	All except Windows Desktop	Cross-platform C++ threading abstraction required to build JRTPLIB with support for the RTPSession class's "poll thread"	1.3.1	See <a href="http://research.edm.uhasselt.be/~jori/">http://research.edm.uhasselt.be/~jori/</a> .  See also section 7.1.16.
portaudio	Linux and Embedded Linux	Cross-platform audio I/O	1.9	See <a href="http://www.portaudio.com/">http://www.portaudio.com/</a> .  Copyright © 1999-2011 Ross Bencina and Phil Burk.  See also section 7.1.17.
libxml2	Linux and Embedded Linux	XML document formulation for UPnP	2.9.1	Copyright © 1998-2012 Daniel Veillard. See section 7.1.18.  Note: RealVNC has made some small modifications to this software. See section 7.1.18.5.


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miniupnpc	Linux and Embedded Linux	Network discoverer	1.5	Copyright © 2005-2009 and 2005-2011 Thomas Bernard. See section 7.1.19.  Note: RealVNC has made a number of modifications to this software. See section 7.1.19.3.
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AES	Android	Cryptographic software, used for AES encrypted connections	Issue date 20/12/2007	Copyright © 1998-2008 Dr Brian Gladman, Worcester, UK. See section 7.1.5.
EAX	Android	Cryptographic software, used for AES encrypted connections	Issue date 21/07/2009	Copyright © 1998-2010 Dr Brian Gladman, Worcester, UK. See section 7.1.6.
LibTomCrypt	Android	Cryptographic software, used for authentication and encryption	1.16	<a href="http://libtom.org">http://libtom.org</a> Public domain. See section 7.2.1.
LibTomMath	Android	Cryptographic software, used for authentication and encryption	0.39	<a href="http://libtom.org">http://libtom.org</a> Public domain. See section 7.2.2.
keysymdef	Android	Key Symbol definitions	/main/28 1998/05/22	Copyright © 1987, 1994, 1998 The Open Group. Copyright © 1987 by Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.13.



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Endian	Android	Platform endianesschecking utility library	Issue	Copyright © 2003 Dr Brian Gladman, Worcester, UK. See section 7.1.14.
libjpegturbo	Android	JPEG encoding	1.2.1	Copyright © 1991-2011 Thomas G. Lane, Guido Vollbeding, Pierre Ossman for Cendio AB, and D. R. Commander. See <a href="http://sourceforge.net/projects/libjpeg-turbo/">http://sourceforge.net/projects/libjpeg-turbo/</a> . Also see section 7.1.11.
Base64.java	Android	Base64 encoding and decoding	2.3.7	Author Robert Harder. Public domain. See <a href="http://iharder.sourceforge.net/current/java/base64">http://iharder.sourceforge.net/current/java/base64</a> . Also see section 7.2.3.
Internal Android OS APIs	Android	Remote control	android2.3.3_r1 android4.0.1_r1 android4.1.1_r1 android4.2.1_r1 android4.3_r1 android4.4_r1	Copyright 2005-2013, The Android Open Source Project Licensed under the Apache License, Version 2.0 (the "License"). You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE2.0">http://www.apache.org/licenses/LICENSE2.0</a> . Also see section 7.2.4.
ExtractMpeg FramesTest. java	Android	Remote control		See <a href="http://bigflake.com/mediacodec/ExtractMpegFramesTest.java.txt">http://bigflake.com/mediacodec/ExtractMpegFramesTest.java.txt</a> Copyright 2013, The Android Open Source Project Licensed under the Apache License, Version 2.0 (the "License"). You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE2.0">http://www.apache.org/licenses/LICENSE2.0</a> . Also see section 7.2.5.

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libupnp (pupnp)	Android	UPnP software stack	1.6.19	Copyright (c) 2000-2003 Intel Corporation. Copyright (c) 2005-2006 Rémi Turbault <3mi@users.sourceforge.net> Copyright (c) 2006 Michel Pfeiffer and others <virtual_worlds@gmx.de>. Copyright (c) 2011-2012 France Telecom. See section 7.2.6.
libxml2	Android	XML document formulation for UPnP	2.9.1	Copyright © 1998-2012 Daniel Veillard. See section 7.1.18. Note: RealVNC has made some small modifications to this software. See section 7.1.18.5.
OpenSSL	Android	Cryptographic software, used for licensing	0.9.8x	Copyright © 1998-2011 The OpenSSL Project. See section 7.1.3.1. Copyright © 1995-1998 Eric Young. See section 7.1.3.2. Note: RealVNC has made a number of modifications to this software. See section 7.1.3.3.

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miniupnpc	Used for the MirrorLink Discoverer	1.5	Copyright © 2005-2009 and 2005-2011 Thomas Bernard. See section 7.1.19.  Note: RealVNC has made a number of modifications to this software. See section 7.1.19.3.
libxml2	Used for the MirrorLink Discoverer	2.9.1	Copyright © 1998-2012 Daniel Veillard. See section 7.1.18.  Note: RealVNC has made some small modifications to this software. See section 7.1.18.5.
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#### 6.4 Wi-Fi Display SDK open source dependencies

Software	Platform	Functionality	Version	Copyright, Ownership, Licensing
wpa_supplicant	Linux, Embedded Linux (Yocto)	Implements a Supplicant for WPA/WPA2, and provides access to low level Wi-Fi features (including WiFi P2P).	2.3	Copyright © 2002-2014 Jouni Malinen and contributors.  Licensed under the BSD 3-Clause License. You may obtain a copy of the License at <a href="http://opensource.org/licenses/BSD3-Clause">http://opensource.org/licenses/BSD3-Clause</a> . See also section 7.4.1.  Note: RealVNC has made a modification to this software. See section 7.4.1.1.
pythonpsutil_2.1.3.bb	Linux, Embedded Linux (Yocto)	BitBake recipe which adds the Python psutil 2.1.3 package into a Linux Yocto i.MX6Q image.	FSL Community BSP 1.6 (Daisy)	Copyright © 2012-2014 Otavio Salvador.  Licensed under The MIT License (MIT). You may obtain a copy of the License at <a href="http://opensource.org/licenses/MIT">http://opensource.org/licenses/MIT</a> . See also section 7.4.3.  Note: RealVNC has made a modification to this software. See section 7.4.3.1.

#### 6.5 Other open source dependencies


This section lists open source dependencies for other VNC Mobile Solution For Automotive components.

##### 6.5.1 Mobile Viewer Automotive sample application

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Android Support Libraries	Android	UI support	19.0.0	Copyright (c) 2005-2008, The Android Open Source Project For detailed licensing information, see <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> . Also see section 7.5.1.

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Software	'Bearer'	Functionality	Version	Copyright, Ownership, Licensing
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axTLS (SHA1 only)	vncbearer-D	Password hashing	1.1.8	Copyright © 2007 Cameron Rich. See section 7.7.1. Note: Modifications have been made by RealVNC. See section 7.7.1.1.

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- The hard-coding of config options in opensslconf.h.
- The addition of compile-time checks to remove dependencies of the C stdio library and on Win32 UI.
- The addition of compile-time checks to remove support within OpenSSL for the following:
  - PKCS#12
  - PEM 2



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- DSO
- OCSP
- Compression (e.g. zlib)
- OpenSSL's UI library for use during key generation
- Configuration files for X.509 certificate signing requests

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```
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users.sourceforge.net  
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Adapted from NetBSB libc by Dieter Baron

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### 7.1.9.4 RealVNC modifications to libzip

The open source component used by VNC Mobile Solution For 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.

### 7.1.10 JPEG

Note: An online version of this extensive document can be found at

<http://www.sourcefiles.org/Graphics/Viewers/smjpeg-0.2.1.tar.gz.shtml>. The subsection entitled "LEGAL ISSUES" is reproduced as follows. Copyright variants between 6b and 8b are noted.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

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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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### 7.1.11 libjpeg-turbo

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libjpeg-turbo mmnote: ##This## file contains portions of the libjpeg v6b and v8 README files, with additional wordsmithing by The libjpeg-turbo Project. It is included only for reference, as some parts of it may not apply to libjpeg-turbo. Please see README-turbo.txt for information specific to libjpeg-turbo.

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For licensing information on libjpeg itself, see section 7.1.10.

#### **7.1.12 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.

#### **7.1.13 keysymdef**


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#### 7.1.18.4 trio.c, trio.h

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#### 7.1.19 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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#### 7.1.19.3 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.

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### 7.2.1 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>

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

@author Robert Harder

@author rob@iharder.net

@version 2.3.7

### 7.2.4 Internal Android OS APIs

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#### **7.4.1.1 RealVNC modifications to WPA Supplicant**

#### **7.4.2 RealVNC has applied the following patch:**

<http://w1.fi/cgiit/hostap/patch/?id=f2b3acc9d7b91fbaccfc9dd8d408252bda4f1be9>

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


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#### 7.4.3.1 RealVNC modifications to python-psutil\_2.1.3.bb

This has been modified by RealVNC to add psutil 2.1.3 instead of psutil 0.6.3.

### 7.5.1 Android Support Libraries

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#### 7.7.1 axTLS

axTLS Embedded SSL

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#### 7.7.1.1 RealVNC modifications to axTLS

Some unwanted type and function definitions have been removed.