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1 Overview

This document contains the Open Source Software licenses used in GM-MY17 project.


The packages are either used completely or only some parts within a package are used. The applicable license is listed depending on whether the complete package is used or only parts of the package are used.

2 OSS Licenses used in the project

License name	Terms and conditions
Academic Free License 2.1	Refer section 4.1
Apache License 2.0	Refer section 4.2
Apple Public Source License 1.1	Refer section 4.3
Bind license	Refer section 4.4
Bison GPL 2.0 with Exception	Refer section 4.5

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BSD 2-clause	Refer section 4.6
BSD 3-clause	Refer section 4.7
BSD 4-clause	Refer section 4.8
Bzip2 License	Refer section 4.9
Curl License	Refer section 4.10
Expat License	Refer section 4.11
Festival Speech Synthesis System License	Refer section 4.12
Fine Free File Command License	Refer section 4.13
GCC Runtime Library Exception 3.1 to GPL 3.0	Refer section 4.14
GPLv2.0 License	Refer section 4.15
ICU license	Refer section 4.16
Info-ZIP Updated License	Refer section 4.17
ISIC License (BSD)	Refer section 4.18
JasPer 2.0 License (MIT +)	Refer section 4.19
JPEG License	Refer section 4.20
LGPLv2.0 License	Refer section 4.21
LGPLv2.1 License	Refer section 4.22
Libpng license	Refer section 4.23
Libtheora License	Refer section 4.24
Libxml2 License	Refer section 4.25
License for OpenSceneGraph	Refer section 4.26
MIT Historical Permission License	Refer section 4.27
MIT Historical Permission License 3	Refer section 4.28
MIT License	Refer section 4.29
MFi Licenseing Program	Refer section 4.30
Mozilla Public License 1.0	Refer section 4.31
Mozilla Public License 1.1	Refer section 4.32
Mozilla Public License 2.0	Refer section 4.33
OpenSSL Combined License	Refer section 4.34
PCRE 5 License	Refer section 4.35
PostgreSQL License	Refer section 4.36
Python License 2.0	Refer section 4.37
TCP Wrappers License	Refer section 4.38
The FreeType Project LICENSE	Refer section 4.39
Tiff License	Refer section 4.40
X Consortium License	Refer section 4.41
zlib License	Refer section 4.42
Boost Software License 1.0	Refer section 4.43
Silicon Graphics New License	Refer section 4.44
Unicode License	Refer section 4.45
RSA Data Security	Refer section 4.46
ISC License	Refer section 4.47
Bsdiff License	Refer section 4.48
CMarkup License	Refer section 4.49
Microsoft Limited Public License (Ms-LPL)	Refer section 4.50
FreeImage Public License 1.0	Refer section 4.51

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3 Package details for OSS Licenses usage

3.1 7 Zip - LZMA SDK - 9.2/4.01

Description: The LZMA SDK provides the documentation, samples, header files, libraries, and tools you need to develop applications that use LZMA compression.

Available under the license: Public Domain

3.2 ACL - 2.2.51

Description: An access control list (ACL), with respect to a computer file system, is a list of permissions attached to an object.

Available under the license: LGPL v2.1

Copyright ©: 1999 Andreas Gruenbacher

Terms and Conditions: Refer Section 4.22

3.3 AES - Advanced Encryption Standard – 1.0

Description: It is the new US government private key encryption standard.

Available under the license: Zlib License

Copyright ©: 2000-2005 Chris Lomont

Terms and Conditions: Refer section 4.42

3.4 Alsa Libraries - 1.0.27.2

Description: The Advanced Linux Sound Architecture (ALSA) provides audio and MIDI functionality to the Linux operating system.

Available under the license: LGPL v2.1

Copyright ©: 2000 by Abramo Bagnara

Terms and Conditions: Refer Section 4.22

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: LGPL v2.1


Copyright ©: 2006 by Pierre Ossman

Terms and Conditions: Refer Section 4.22

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: GPL v2.0

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Copyright ©: 2000-2004 James Courtier-Dutton
Terms and Conditions: Refer Section 4.15

3.7 APMD - 3.2.2

Description: Advanced Power Management daemon.
Available under the license: GPL v2.0
Copyright ©: Copyright 1996, 1997 Rickard E. Faith
Terms and Conditions: Refer Section 4.15

3.8 ATK - 2.8.0

Description: ATK provides the set of accessibility interfaces that are implemented by other toolkits and applications.
Available under the license: LGPL v2.1
Copyright ©: Copyright 2001 Sun Microsystems Inc.
Terms and Conditions: Refer Section 4.22

3.9 Attr - 2.4.46

Description: The attr package contains utilities to administer the extended attributes on filesystem objects
Available under the license: GPL v2.0
Copyright ©: 2000-2002, 2004 Silicon Graphics, Inc.
Terms and Conditions: Refer Section 4.15

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: LGPL v2.1
Copyright ©: 1999, Elliot Lee <sopwith@redhat.com>
Terms and Conditions: Refer Section 4.22

3.11 Android - platform - bootable – recovery -4.2

Description: Android is a mobile operating system (OS) based on the Linux kernel and currently developed by Google.
Available under the license: Apache License v2.0
Copyright ©: Copyright (C) 2007 The Android Open Source Project
Terms and Conditions: Refer Section 4.2

3.12 Android - platform - system – core -4.2

Description: Android is a mobile operating system (OS) based on the Linux kernel and currently developed by Google.
Available under the license: Apache License v2.0
Copyright ©: Copyright (C) 2007 The Android Open

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Terms and Conditions: Source Project
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3.13 Avahi - 0.6.31

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

Available under the license: LGPL v2.1

Copyright ©: This file is part of avahi.

Terms and Conditions: Refer Section 4.22

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: GPL v2.0

Copyright ©: 1997-2004 Free Software Foundation, Inc.

Terms and Conditions: Refer Section 4.15

3.15 Bison with GPL 3.0 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 tables

Available under the license: Bison with GPL 2.0 exception

Copyright ©: Free Software Foundation, Inc

Terms and Conditions: Refer Section 4.5

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: GPL v2.0

Copyright ©: Alan D. Brunelle Alan.Brunelle@hp.com

Terms and Conditions: Refer Section 4.15

3.17 BlueZ - 4.101/5.15

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


Available under the license: GPL v2.0

Copyright ©: 2010 Nokia Corporation

Terms and Conditions: Refer Section 4.15

3.18 Boost C++ Libraries- boost 1.50.0

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

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Available under the license: Boost Software License 1.0
 Copyright ©: Copyright Beman Dawes, 2008
 Terms and Conditions: Refer Section 4.43

3.19 **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.
 Copyright ©: 1994 Hewlett-Packard Company
 Terms and Conditions: Refer section 4.44

3.20 **Bsdiff - 4.3**

Description: Bsdiff is a tool for building and applying patches to binary files.

Available under the license: Bsdiff License
 Copyright ©: Copyright 2003-2005 Colin Percival
 Copyright 2012 Matthew Endsley
 Terms and Conditions: Refer Section 4.48

3.21 **Btrfs-progs - 0.20**

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: GPL v2.0
 Copyright ©: 2007 Oracle. All rights reserved.
 Terms and Conditions: Refer Section 4.15

3.22 **Busybox - 1.21.1**

Description: BusyBox combines tiny versions of many common UNIX utilities into a single small executable.

Available under the license: GPL v2.0
 Copyright ©: 1999-2004 by Erik Andersen
 Terms and Conditions: Refer Section 4.15


3.23 **Bzip2 - 1.0.6**

Description: bzip2 is a free and open-source file compression program that uses the Burrows-Wheeler algorithm.

Available under the license: Bzip2 License
 Copyright ©: 1996-2010 Julian Seward
 Terms and Conditions: Refer Section 4.9

3.24 **Cairo Vector Graphics Library - 1.12.14**

Description: Cairo is a 2D graphics library with

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support for multiple output devices, both raster and vector.
Available under the license: LGPL v2.1
Copyright ©: 2002 University of Southern California
Copyright ©: 2004 Carl Worth.
Terms and Conditions: Refer Section 4.22

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 ©: 2000 SuSE, Inc
Copyright ©: 2007 Red Hat, Inc
Copyright ©: 2009 Nokia Corporation
Copyright ©: 2011 SCore Corporation
Copyright ©: 2012, Soren Sandmann
Terms and Conditions: Refer Section 4.29

3.26 Cdparanoia - 10.2

Description: cdparanoia is a Compact Disc Digital Audio (CDDA) extraction tool, commonly known on the net as a 'ripper'
Available under the license: GPL v2.0
Copyright ©: 2008 Monty xiphmont@mit.edu
Terms and Conditions: Refer Section 4.15

3.27 CE Device Manager plug-ins - 0.3.2


Description: Wind River Systems, Inc.
Available under the license: LGPL v2.1
Copyright ©: 1991, 1999 Free Software Foundation, Inc.
Terms and Conditions: Refer Section 4.22

3.28 Chkconfig - 1.3.59

Description: Updates and queries runlevel information for system services
Available under the license: GPL v2.0
Copyright ©: 1997-2009 Red Hat, Inc.
Terms and Conditions: Refer Section 4.15

3.29 CMarkup- 11.05

Description: CMarkup is a single small C++ class that compiles into your program and maintains only a string for the document and an index array usually amounting to less than the memory size of the string.
Available under the license: CMarkup License
Copyright ©: Copyright 2014 First Objective Software,

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Terms and Conditions: Inc.
Refer Section 4.49

3.30 CMU Sphinx - 0.7

Description: CMUSphinx is a speaker-independent large vocabulary continuous speech recognizer
Available under the license: BSD 3-clause License
Copyright ©: 1994-2001 Carnegie Mellon University.
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: GPL v2.0
Copyright ©: 2007-2012 Intel Corporation.
Copyright ©: 2012 BMW Car IT GmbH.
Terms and Conditions: Refer Section 4.15

3.32 Crypt:Curve25519 - 0.01

Description: Generate shared secret using elliptic-curve Diffie-Hellman function
Available under the license: BSD 2-clause License
Copyright ©: Copyright 2008, Google Inc.
Terms and Conditions: Refer Section 4.6

3.33 CVTUTF 1.0


Description: Conversions between UTF32, UTF-16, and UTF-8. Header file. Several funtions are included here, forming a complete set of conversions between the three formats.
Available under the license: Unicode License
Copyright ©: Copyright 2001 Unicode, Inc.
Terms and Conditions: Refer Section 4.45

3.34 Curl and Libcurl - 7.32.0

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 ©: 1998 - 2012, Daniel Stenberg,
Terms and Conditions: Refer Section 4.10

3.35 Darwin Source Repository - 332.25

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

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Available under the license: Apple Public Source License 1.1
 Copyright ©: 1996-2002, 2005 Apple Computer, Inc.
 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: GPL v2.0
 Copyright ©: 2004 Red Hat, Inc.
 Terms and Conditions: Refer Section 4.15

3.37 D-Bus MBS - 1.6.10

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
 Copyright ©: 2002, 2003, 2004 Red Hat Inc.
 Terms and Conditions: Refer Section 4.1

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 ©: 2006 Collabora Ltd.
 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
 Copyright ©: 2000-2009 Denton Woods.
 Terms and Conditions: Refer section 4.22

3.40 Dnsmasq – 2.68

Description: Dnsmasq provides network infrastructure for small networks: DNS, DHCP, router advertisement and network boot. It is designed to be lightweight and have a small footprint, suitable for resource constrained routers and firewalls.

Available under the license: GPL v2.0
 Copyright ©: 2000-2007 Simon Kelley
 Terms and Conditions: Refer section 4.15

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3.41 Dosfstools - 2.11

Description: dosfstools contains utilities for making and checking MS-DOS FAT filesystems

Available under the license: GPL v2.0

Terms and Conditions: Refer Section 4.15

3.42 ECryptfs - r100

Description: eCryptfs is a POSIX-compliant enterprise-class stacked cryptographic filesystem for Linux

Available under the license: GPL v2.0

Copyright ©: 2004-2006 IBM Corp.

Terms and Conditions: Refer Section 4.15

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: GPL v2.0

Copyright ©: 2006 Red Hat, Inc.

Terms and Conditions: Refer Section 4.15

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: LGPL v2.0 License

Terms and Conditions: Refer Section 4.21

3.45 Ethtool - 3.10/3.5

Description: ethtool is the standard Linux utility for controlling network drivers and hardware, particularly for wired Ethernet devices

Available under the license: GPL v2.0

Copyright ©: 1998 David S. Miller

Copyright ©: 2009, 2010 Solarflare Communications.

Terms and Conditions: Refer Section 4.15

3.46 Evttest - 1.25


Description: evttest 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: GPL v2.0

Copyright ©: 2009 Red Hat, Inc

Copyright ©: 1999-2000 Vojtech Pavlik

Terms and Conditions: Refer Section 4.15

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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 v2.0 License

Copyright ©: 2001 Lutz Mueller

Terms and Conditions: Refer Section 4.21

3.48 Expat XML Parser - 2.1.0

Description: Expat is an XML parser library written in C

Available under the license: Expat License

Copyright ©: 1998, 1999 Thai Open Source Software Center Ltd.

Terms and Conditions: Refer Section 4.11

3.49 Ext2 Filesystems Utilities - 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: GPL v2.0

Copyright ©: 1999 Theodore Ts'o.

Terms and Conditions: Refer Section 4.15

3.50 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

Terms and Conditions: Refer Section 4.12

3.51 Filesystem in Userspace - 2.9.3

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

Available under the license: GPL v2.0

Copyright ©: 2001-2007 Miklos Szeredi


Terms and Conditions: Refer Section 4.15

3.52 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 ©: Ian F. Darwin 1986-1995 Software written

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Terms and Conditions: by Ian F. Darwin and others
Refer Section 4.13

3.53 **FLAC-Free Lossless Audio Codec - 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: BSD 3-clause License

Copyright ©: Josh Coalson.

Terms and Conditions: Refer Section 4.7

3.54 **Font Config - 2.10.2**

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

Available under the license: MIT License

Copyright ©: Copyright © 2002 Keith Packard.

Terms and Conditions: Refer Section 4.29

3.55 **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: LGPL v2.1

Copyright ©: 2000, Eric Busboom,

Terms and Conditions: Refer Section 4.22

3.56 **FreeBSD -2.2.2**

Description: FreeBSD is an advanced computer operating system used to power modern servers, desktops and embedded platforms.

Available under the license: BSD 4-clause

Copyright ©: Copyright 1992-2015 The FreeBSD Project

Terms and Conditions: Refer Section 4.8


3.57 **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.

Available under the license: FreeImage Public License 1.0

Copyright ©: 2003-2015 by FreeImage

Terms and Conditions: Refer Section 4.51

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3.58 Free Type – 2.5.3 & 2.4.10

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: Free Type Project License
Copyright ©: David Turner, Robert Wilhelm, and Werner Lemberg.

Terms and Conditions: Refer Section 4.39

3.59 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: GCC Runtime Library Exception 3.1
Copyright ©: Free Software Foundation, Inc.

Terms and Conditions: Refer Section 4.14

3.60 GConf – 3.2.6

Description: GConf is a system for storing application preferences. It is intended for user preferences; *not* configuration of something like Apache, or arbitrary data storage.

Available under the license: GPL v2.0
Copyright ©: The GNOME Project

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: LGPL v2.0 License
Copyright ©: 1999 The Free Software Foundation.

Terms and Conditions: Refer Section 4.21


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
Terms and Conditions: Refer Section 4.15

3.63 GENIVI Audio Manager - 3.2

Description: The AudioManager is a framework for

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managing audio in an In-Vehicle Infotainment (IVI) context..
 Available under the license: Mozilla Public License 2.0
 Copyright ©: 2012, BMW AG
 Terms and Conditions: Refer Section 4.33

3.64 GENIVI Audio Manager – MIT - 4.2

Description: The AudioManager is a framework for managing audio in an In-Vehicle Infotainment (IVI) context.
 Available under the license: MIT License
 Copyright ©: 2012, BMW AG
 Terms and Conditions: Refer Section 4.29

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 ©: 2012, BMW AG.
 Terms and Conditions: Refer Section 4.33

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 ©: 2013 BMW Group
 Terms and Conditions: Refer Section 4.33

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 ©: 2013 BMW Group
 Terms and Conditions: Refer Section 4.33

3.68 GENIVI IVI Layer Management – 0.9.7 & 1.2.0

Description: GENIVI IVI Layer Management to

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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 ©: 2012 BMW Car IT 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 ©: 2012 GENIVI.
 Terms and Conditions: Refer Section 4.33

3.70 GENIVI Persistence Client Library

Description: The Persistence Management is responsible to handle persistent data, including all data read and modified often during a lifetime of an infotainment system.

Available under the license: Mozilla Public License 2.0
 Copyright ©: 2012 GENIVI.
 Terms and Conditions: Refer Section 4.33

3.71 Giflib - A library for processing GIFs - 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: X Consortium License
 Copyright ©: Gershon Elber, IBM PC Ver 0.1, Jun. 1989
 Terms and Conditions: Refer Section 4.41

3.72 Gladman AES


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

Available under the license: BSD 2-clause License
 Copyright ©: 2010, Brian Gladman, Worcester, UK.
 Terms and Conditions: Refer Section 4.6

3.73 Glib - 2.36.4/2.38.2

Description: Common C routines used by Gtk+ and other libs.

Available under the license: LGPL v2.0 License
 Copyright ©: 1995-1997 Peter Mattis, Kimball and Josh MacDonald
 Terms and Conditions: Refer Section 4.21

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3.74 GNU Multiple Precision Arithmetic Library - 4.2.1

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

Available under the license: LGPL v2.1

Copyright ©: Free Software Foundation, Inc.

Terms and Conditions: Refer Section 4.22

3.75 Gnome Disk Utility - 2.32.0

Description: It is an udisks graphical front-end included in the gnome-disk-utility package.

Available under the license: GPL v2.0

Copyright ©: 2007 David Zeuthen.

Terms and Conditions: Refer Section 4.15

3.76 GNOME Keyring - 2.32.0

Description: GNOME Keyring is a daemon application designed to take care of the user's security credentials, such as user names and passwords.

Available under the license: LGPL v2.0 License

Copyright ©: 2007 Stefan Walter.

Terms and Conditions: Refer Section 4.21

3.77 GNOME Libnotify - 0.6.0

Description: Libnotify is a library that sends desktop notifications to a notification daemon, as defined in the Desktop Notifications spec.

Available under the license: LGPL v2.1 License

Copyright ©: 2004-2006 Christian Hammond

Copyright ©: 2010 Red Hat, Inc.

Terms and Conditions: Refer Section 4.22

3.78 GNU Bin Utils 2.17.50.0.12

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

Available under the license: GPL v2.0


Copyright ©: Free Software Foundation, Inc.

Terms and Conditions: Refer Section 4.15

3.79 GNU C Library –glibc – 2.19/2.2.4

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: LGPL v2.1

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Copyright ©: 1995-2012 Free Software Foundation, Inc
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3.80 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: GPL v2.0
Copyright ©: Free Software Foundation, Inc
Terms and Conditions: Refer Section 4.15

3.81 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: LGPL v2.1
Copyright ©: Free Software Foundation, Inc
Terms and Conditions: Refer Section 4.22

3.82 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: GPL v2.0
Copyright ©: Free Software Foundation, Inc
Terms and Conditions: Refer Section 4.15

3.83 GnuPG - 1.4.7


Description: GnuPG allows encrypting and signing 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: GPL v2.0
Copyright ©: Free Software Foundation, Inc
Terms and Conditions: Refer Section 4.15

3.84 GnuTLS – 3.2.13

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

Available under the license: LGPL v2.1
Copyright ©: Free Software Foundation, Inc.
Terms and Conditions: Refer Section 4.22

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3.85 GPhoto – libgphoto - 2.4.11

Description: gPhoto is a free, redistributable, and 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: LGPL v2.1
 Copyright ©: 1999 Matthew G. Martin
 Copyright ©: 2000 Scott Fritzing
 Terms and Conditions: Refer Section 4.22

3.86 Gst-fsl-plugins -2.0.3

Description: Provides support for Freescale's ARM platforms for use with Open Embedded.

Available under the license: LGPL v2.1
 Copyright ©: 2008-2012, Freescale Semiconductor, Inc.
 Terms and Conditions: Refer Section 4.22

3.87 Gst-wayland -0.1

Description: Gstreamer Video Sink for Wayland, [this project has been merged to upstream gstremaer.

Available under the license: LGPL v2.0 or later
 Copyright ©: 2011 Intel Corporation
 Copyright ©: 2011 Sreerenj Balachandran
 Copyright ©: 2012 Mentor Graphics Corporation.
 Copyright ©: 2012 Mikhail Durnev
 Terms and Conditions: Refer Section 4.21

3.88 GStreamer - 0.10.36

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

Available under the license: LGPL v2.1
 Copyright ©: 2005 David Schleeff
 Terms and Conditions: Refer Section 4.22

3.89 GSTREAMER PLUGINS-BAD - 0.10.23


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

Available under the license: LGPL v2.1
 Copyright ©: 2011 Intel Corporation
 Copyright ©: 2012 Mentor Graphics Corporation
 Terms and Conditions: Refer Section 4.22

3.90 GSTREAMER PLUGINS-BASE - 0.10.36

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

Available under the license: LGPL v2.1

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Copyright ©: 2005 David Schleef
Terms and Conditions: Refer Section 4.22

3.91 GSTREAMER PLUGINS-GOOD - 0.10.31

Description: GStreamer is a library for constructing graphs of media-handling components
Available under the license: LGPL v2.1
Copyright ©: 2004 Benjamin Otte
Terms and Conditions: Refer Section 4.22

3.92 GTK - 2.24.20

Description: GTK+, or the GIMP Toolkit, is a multi-platform toolkit for creating graphical user interfaces
Available under the license: LGPL v2.0 License
Copyright ©: 1995-1997 Peter Mattis, Kimball and Josh MacDonald
Terms and Conditions: Refer Section 4.21

3.93 Gvfs - 1.10.1

Description: GVFS provides a layer just below the user applications you use like firefox
Available under the license: LGPL v2.1
Copyright ©: 2006-2007 Red Hat, Inc.
Terms and Conditions: Refer Section 4.22

3.94 Gzip - 1.3.12


Description: gzip (GNU zip) is a compression utility designed to be a replacement for compress
Available under the license: GPL v2.0
Terms and Conditions: Refer Section 4.15

3.95 Half - 1.11.0

Description: This is a C++ header-only library to provide an IEEE 754 conformant 16-bit half-precision floating point type along with corresponding arithmetic operators, type conversions and common mathematical functions.
Available under the license: MIT License
Copyright ©: 2012-2013 Christian Rau
<rauy@users.sourceforge.net>
Terms and Conditions: Refer Section 4.29

3.96 HarfBuzz - 0.9.35

Description: HarfBuzz is an OpenType text shaping engine.
Available under the license: MIT License

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Copyright ©: 2009 Red Hat, Inc.
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3.97 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: GPL v2.0
Copyright ©: 1996-1998 Robert Leslie
Terms and Conditions: Refer Section 4.15

3.98 HMI Daemon

Description: N/A
Available under the license: MIT License
Copyright ©: 2010-2012 Intel Corporation, 2010-2011 Benjamin Franzke, 2011-2012 Collabora, Ltd.
Terms and Conditions: Refer Section 4.29

3.99 Hidapi

Description: Multi-Platform library for communication with HID devices
Available under the license: BSD 2-Clause
Copyright ©: 2009, All Rights Reserved
Terms and Conditions: Refer Section 4.6

3.100 ICU - International Components for Unicode – 4.6.1 & 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 ©: 1997-2011, International Business
Terms and Conditions: Refer Section 4.16

3.101 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: GPL v2.0
Copyright ©: 2000 Lennert Buytenhek
Terms and Conditions: Refer Section 4.15

3.102 Info-ZIP project - 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.

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Available under the license: Info-ZIP Updated License
 Copyright ©: 1990-2008 Info-ZIP.
 Terms and Conditions: Refer Section 4.17

3.103 IniParser – 3.1

Description: iniparser is a free stand-alone ini file parsing library.
 Available under the license: MIT
 Copyright ©: 2000-2012 by Nicolas Devillard
 Terms and Conditions: Refer section 4.29

3.104 iOS Carplay

Description: iOS carplay to allow devices running the iOS operating system to function with built-in display units of automobile dashboards
 Available under the license: MFi Licenseing Program
 Copyright ©: 2009-2014 Apple Inc
 Terms and Conditions: Refer Section 4.30

3.105 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: GPL v2.0
 Copyright ©: 2000-2006 by the netfilter coreteam
 Terms and Conditions: Refer Section 4.15

3.106 ISC BIND - 9.9.5

Description: BIND is open source software that implements the Domain Name System (DNS) protocols for the Internet
 Available under the license: Bind License
 Copyright ©: 2004-2007, 2009 Internet Systems Consortium,
 Terms and Conditions: Refer Section 4.4

3.107 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: ISIC License (BSD)
 Copyright ©: 2009-2010, 2012 Internet Systems Consortium, Inc. ("ISC")
 Terms and Conditions: Refer Section 4.18

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3.108 Itzam

Description: Itzam creates and manipulates files containing variable-length, random access records; your program can retrieve and organize these records via a variety of index types.

Available under the license: BSD 2-Clause License
 Copyright ©: 2011 Scott Robert Ladd
 Terms and Conditions: Refer Section 4.6

3.109 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 ©: 1999-2000, Image Power, Inc.
 Terms and Conditions: Refer Section 4.19

3.110 JSON-C - 0.11

Description: JSON (JavaScript Object Notation) is a lightweight data-interchange format.

Available under the license: MIT License
 Copyright ©: 2004, 2005 Metaparadigm Pte. Ltd
 Terms and Conditions: Refer Section 4.29

3.111 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: GPL v2.0
 Copyright ©: 2005, 2011 Red Hat, Inc.
 Terms and Conditions: Refer Section 4.15

3.112 Kiss FFT - 1.3.0

Description: A Fast Fourier Transform based up on the principle, "Keep It Simple, Stupid." Kiss FFT is a very small, reasonably efficient, mixed radix FFT library that can use either fixed or floating point data types.

Available under the license: BSD 3-Clause
 Copyright ©: 2003-2010 Mark Borgerding

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Terms and Conditions: Refer Section 4.7

3.113 Kmod - 4.0

Description: The Kmod package contains libraries and utilities for loading kernel modules

Available under the license: GPL v2.0

Copyright ©: 2011-2012 ProFUSION embedded systems

Terms and Conditions: Refer Section 4.15

3.114 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: GPL v2.0

Copyright ©: 2008, Intel Corporation

Terms and Conditions: Refer Section 4.15

3.115 Lib Cap - 2.22

Description: The libcap package implements the user-space interfaces 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.

Available under the license: BSD 3-clause License

Copyright ©: 1997-8 Andrew G Morgan

Terms and Conditions: Refer Section 4.7

3.116 libaio - 0.3.109-r2

Description: This is a library for accessing the new AIO system calls (asynchronous I/O) for the Linux kernel.

Available under the license: LGPL v2.0 License

Copyright ©: 2002 Red Hat, Inc.

Terms and Conditions: Refer Section 4.21

3.117 Libatasmart - 0.19

Description: The libatasmart package is a disk reporting library. It only supports a subset of the ATA S.M.A.R.T. functionality.


Available under the license: LGPL v2.1 License

Copyright ©: 2008 Lennart Poettering

Terms and Conditions: Refer Section 4.22

3.118 Libbsd - 0.3.0

Description: This library provides useful functions

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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.

Available under the license: BSD 3-clause License
 Copyright ©: 1996, David Mazieres
 Terms and Conditions: Refer Section 4.7

3.119 **Libcroco - 0.6.8**

Description: The libcroco package contains a standalone CSS2 parsing and manipulation library.

Available under the license: LGPL v2.1 License
 Copyright ©: 2003-2004 Dodji Seketeli..
 Terms and Conditions: Refer Section 4.22

3.120 **Libdaemon - 0.14**

Description: The libdaemon package is a lightweight C library that eases the writing of UNIX daemons.

Available under the license: GPL v2.0
 Copyright ©: 2003-2008 Lennart Poettering.
 Terms and Conditions: Refer Section 4.15

3.121 **Libdivsufsort - 2.0.0**

Description: The libdivsufsort project provides a fast, lightweight, and robust C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of a constant-size alphabet.

Available under the license: MIT License
 Copyright ©: Copyright (c) 2003-2008 Yuta Mori
 Terms and Conditions: Refer Section 4.29


3.122 **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 ©: 1999 Precision Insight, Inc.
 Copyright ©: 2000 VA Linux Systems, Inc.
 Terms and Conditions: Refer Section 4.29

3.123 **Libevent - an asynchronous event library - 2.0.21**

Description: The libevent API provides a mechanism to execute a callback function when a

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specific event occurs on a file descriptor or after a timeout has been reached.

Available under the license: BSD 3-clause License
 Copyright ©: 2002-2007 Niels
 Terms and Conditions: Refer Section 4.7

3.124 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 ©: 2007, 2009, 2010 Red Hat, Inc.
 Terms and Conditions: Refer Section 4.29

3.125 Libcrypt - 1.5.3

Description: Libcrypt is a general purpose cryptographic library based on the code from GnuPG.

Available under the license: LGPL v2.1
 Copyright ©: Free Software Foundation, Inc
 Terms and Conditions: Refer Section 4.22

3.126 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: LGPL v2.0 License
 Copyright ©: 2003, 2004, 2010 g10 Code GmbH
 Terms and Conditions: Refer Section 4.21

3.127 LibICE - 1.0.8

Description: The Xorg libraries provide library routines that are used within all X Window applications

Available under the license: MIT license
 Copyright ©: 1993, 1998 The Open Group
 Terms and Conditions: Refer Section 4.29


3.128 Libjpeg – 8d/8b

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

Available under the license: JPEG License
 Copyright ©: 1994-1998, Thomas G. Lane.
 Terms and Conditions: Refer Section 4.20

3.129 Libmtp - 1.1.5 & 1.1.6

Description: libmtp is an Initiator implementation of

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the Media Transfer Protocol (MTP) in the form of a library suitable primarily for POSIX compliant operating systems.

Available under the license: LGPL v2.1
 Copyright ©: 2005-2011 Linus Walleij
 Terms and Conditions: Refer Section 4.22

3.130 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: LGPL v2.1
 Copyright ©: 2002 Niels Moller
 Terms and Conditions: Refer Section 4.22

3.131 Libnfsidmap - 0.25

Description: Library to help mapping id's, mainly for NFSv4.

Available under the license: BSD 3-clause License
 Copyright ©: 2004 The Regents of the University of Michigan.

Terms and Conditions: Refer Section 4.7

3.132 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: LGPL v2.1
 Copyright ©: 2003-2012 Thomas Graf
 Terms and Conditions: Refer Section 4.22


3.133 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 License
 Copyright ©: 1994-2010 Xiph.Org Foundation
 Terms and Conditions: Refer Section 4.7

3.134 Librsvg - 2.40.1

Description: librsvg is a free software SVG rendering library written as part of the GNOME project, intended to be lightweight and portable of whether it is static or virtual.

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Available under the license: LGPL v2.0 License
 Copyright ©: 2000 Eazel, Inc
 Copyright ©: 2002-2005 Dom Lachowicz
 Terms and Conditions: Refer Section 4.21

3.135 Libsigc++ - 2.2.11

Description: libsigc++ implements a typesafe callback system for standard C++. It allows you to define signals and to connect those signals to any callback function, either global or a member function, regardless of whether it is static or virtual.

Available under the license: LGPL v2.1 License
 Copyright ©: Tero Pulkkinen
 Terms and Conditions: Refer Section 4.22

3.136 LibSM - X11 - 1.2.1

Description: The Session Management Library (libSM) is a low-level "C" language interface to XSMP

Available under the license: MIT License
 Copyright ©: 1993, 1998 The Open Group
 Terms and Conditions: Refer Section 4.29

3.137 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: LGPL v2.1
 Copyright ©: 1999-2011 Erik de Castro Lopo
 Copyright ©: 2005 David Viens
 Terms and Conditions: Refer Section 4.22

3.138 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: LGPL v2.1
 Copyright ©: 2010 Red Hat, Inc.
 Terms and Conditions: Refer Section 4.22

3.139 Libtaginfo – 0.1.6

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

Available under the license: LGPLv2.1
 Copyright ©: 2008-2013 J.Rios
 Copyright ©: 2013 -2014 Jorn Magens

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Terms and Conditions: Refer section 4.22

3.140 Libtar – 1.2.11

Description: It is a tar file manipulation API.
Available under the license: MIT
Copyright ©: 1998-2003 University of Illinois Board of Trustees
Copyright ©: 1998-2003 Mark D. Roth. All rights reserved.
Terms and Conditions: Refer section 4.29

3.141 LibThai – 0.1.16

Description: LibThai is a set of Thai language support routines aimed to ease developers' tasks to incorporate Thai language support in their applications.
Available under the license: LGPLv2.1
Terms and Conditions: Refer section 4.22

3.142 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 ©: 2002-2009 Xiph.Org Foundation
Terms and Conditions: Refer Section 4.24

3.143 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: Tiff License
Copyright ©: 1991-1997 Sam Leffler.
Copyright ©: 1991-1997 Silicon Graphics, Inc.
Terms and Conditions: Refer Section 4.40

3.144 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 License
Copyright ©: 2009, Sun Microsystems, Inc.
Terms and Conditions: Refer Section 4.7

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3.145 Libunibreak - 2.1

Description: An implementation of the line breaking and word breaking algorithms as described in Unicode Standard Annex 14 and Unicode Standard Annex 29. Check the project's home page for up-to-date information.

Available under the license: zlib license

Copyright ©: Copyright (C) 2012 Tom Hacohen

Terms and Conditions: Refer Section 4.42

3.146 Libunique - 1.1.6

Description: The libunique package contains a library for writing single instance applications

Available under the license: LGPL v2.1

Copyright ©: 2007 Emmanuele Bassi

Terms and Conditions: Refer Section 4.22

3.147 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 ©: 2008 CodeSourcery

Terms and Conditions: Refer Section 4.29

3.148 Libusb - 1.0.9

Description: The libusb package contains a library used by some applications for USB device access.

Available under the license: LGPL v2.1

Copyright ©: 2007-2008 Daniel Drake

Copyright ©: 2001 Johannes Erdfelt

Terms and Conditions: Refer Section 4.22

3.149 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 License


Copyright ©: 1994-2007 Xiph.Org Foundation

Terms and Conditions: Refer Section 4.7

3.150 LibX11 - 1.6.1

Description: It provides a complete API for the basic functions of the window system.

Available under the license: MIT License

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Copyright ©: 1986, 1998 The Open Group
Terms and Conditions: Refer Section 4.29

3.151 LibXau - 1.0.8

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

Available under the license: MIT License
Copyright ©: 1988, 1998 The Open Group
Terms and Conditions: Refer Section 4.29

3.152 Libxcomposite - 0.4.4

Description: libXcomposite provides an X Window System client interface to the Composite extension to the X protocol.

Available under the license: MIT License
Copyright ©: 2006, Oracle and/or its affiliates.
Terms and Conditions: Refer Section 4.29

3.153 LibXcursor - 1.1.14

Description: Header files and a static version of the X cursor management library are provided by libXcursor

Available under the license: MIT License
Copyright ©: 2002 Keith Packard
Terms and Conditions: Refer Section 4.29

3.154 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: MIT License
Copyright ©: 2003 Keith Packard.
Copyright ©: 2007 Eric Anholt
Terms and Conditions: Refer Section 4.29

3.155 LibXdmcp - 1.1.1

Description: The libXdmpc 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: MIT License
Copyright ©: 1989, 1998 The Open Group
Terms and Conditions: Refer Section 4.29

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3.156 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: MIT License

Copyright ©: 1996 Digital Equipment Corporation, Maynard, Massachusetts.

Terms and Conditions: Refer Section 4.29

3.157 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: MIT License

Copyright ©: 2006, Oracle and/or its affiliates.

Copyright ©: 2011 Red Hat, Inc.

Terms and Conditions: Refer Section 4.29

3.158 LibXft - 2.3.1

Description: Xft provides a client-side font API for X applications, making the FreeType font rasterizer available to X clients

Available under the license: MIT Historical Permission License

Copyright ©: 2000 Keith Packard

Terms and Conditions: Refer Section 4.27

3.159 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: MIT license

Copyright ©: 1989, 1998 The Open Group

Terms and Conditions: Refer Section 4.29


3.160 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: MIT License

Copyright ©: 1989, 1998 The Open Group

Terms and Conditions: Refer Section 4.29

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3.161 Libxml2 - 2.9.1

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

Available under the license: libxml2 License

Copyright ©: 2003-2012 Daniel Veillard.

Terms and Conditions: Refer Section 4.25

3.162 LibXrandr - 1.4.1

Description: libXrandr provides an X Window System client interface to the RandR extension to the X protocol. The RandR extension allows for run-time configuration of display attributes such as resolution, rotation, and reflection

Available under the license: MIT License

Copyright ©: 2000 Compaq Computer Corporation, Inc

Copyright ©: 2002 Hewlett Packard Company, Inc.

Terms and Conditions: Refer Section 4.29

3.163 LibXrender - 0.9.8

Description: The X Rendering Extension (Render) introduces digital image composition as the foundation of a new rendering model within the X Window System

Available under the license: MIT License

Copyright ©: 2004 Keith Packard

Terms and Conditions: Refer Section 4.29

3.164 Libxslt - 1.1.28

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

Available under the license: MIT License

Copyright ©: 2001-2002 Daniel Veillard

Terms and Conditions: Refer Section 4.29

3.165 LibXtst - 1.2.2

Description: libXtst provides an X Window System client interface to the Record extension to the X protocol


Available under the license: MIT License

Copyright ©: 1995, 1998 The Open Group

Terms and Conditions: Refer Section 4.29

3.166 Lighttpd - 1.4.32

Description: Lighttpd is a free web server designed for speed, with all the essential

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Available under the license: functions of a web server.
Terms and Conditions: BSD 3-clause License
Refer Section 4.7

3.167 Linux Containers - 0.9.0

Description: It is a userspace interface for the Linux kernel containment features
Available under the license: LGPL v2.1
Copyright ©: IBM Corp. 2007, 2008
Terms and Conditions: Refer Section 4.22

3.168 Linux Diagnostic Tools – sysfsutils - 2.1.0

Description: These are a set of utilites built upon sysfs, a new virtual filesystem in Linux kernel versions 2.5+ that exposes a system's device tree
Available under the license: GPL v2.0
Copyright ©: IBM Corp. 2003-2005
Terms and Conditions: Refer Section 4.15

3.169 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: GPL v2.0
Copyright ©: 1980, 1990 Regents of the University of California. All rights reserved.
Terms and Conditions: Refer Section 4.15

3.170 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 POSIX and Single UNIX Specification compliance.
Available under the license: GPL v2.0
Copyright ©: 1999 Andrea Arcangeli
Copyright ©: 2002 David Woodhouse
Copyright ©: 2012 Michel Lespinasse
Terms and Conditions: Refer Section 4.15

3.171 Lmbench - 3.0

Description: lmbench is a suite of simple, portable, ANSI/C microbenchmarks for UNIX/POSIX.
Available under the license: GPL v2.0
Terms and Conditions: Refer Section 4.15

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3.172 LTTng - 2.3.0

Description: Linux Trace Toolkit Next Generation. The LTTng project aims at providing highly efficient tracing tools for Linux.

Available under the license: GPL v2.0

Copyright ©: 2004 Nik Clayton

Terms and Conditions: Refer Section 4.15

3.173 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

3.174 LZO - 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: GPL v2.0

Copyright ©: 1996 Markus Franz Xavier Johannes

Terms and Conditions: Refer Section 4.15

3.175 LZ4 Compression algorithm

Description: LZ4 is a lossless data compression algorithm that is focused on compression and decompression speed.

Available under the license: BSD-2 clause License.

Copyright ©: Copyright (C) 2011-2014, Yann Collet.

Terms and Conditions: Refer Section 4.6

3.176 MDNSResponder - 544

Description: The mDNSResponder project is a component of Bonjour, Apple's ease-of-use IP networking initiative.

Available under the license: Apache License.2.0

Copyright ©: 2011 Apple Inc. All rights reserved.


Terms and Conditions: Refer Section 4.2

3.177 Meta-fsl-arm - 1.2

Description: This layer provides support for Freescale's ARM platforms for use with OpenEmbedded and/or Yocto.

Available under the license: LGPL v2.0 License

Terms and Conditions: Refer Section 4.21

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3.178 MMC-Utills – 0.1

Description: Userspace tools for MMC/SD devices
 Available under the license: GPL 2.0.
 Terms and Conditions: Refer Section 4.15

3.179 Mosquitto: an mqtt message broker - 1.3.4

Description: Mosquitto is an open source message broker that implements the mqtt protocol version 3.1
 Available under the license: BSD 3-clause License.
 Copyright ©: 2009,2010 Roger Light
 Terms and Conditions: Refer Section 4.7

3.180 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 ©: 2008 Apple Inc. All rights reserved.
 Terms and Conditions: Refer Section 4.33

3.181 MSDN Sample Code- vs.85


Description: Find resources for developers, such as tools, code samples and more on the Microsoft Developer Network.
 Available under the license: Microsoft Limited Public License (Ms-LPL)
 Copyright ©: 2015 Microsoft
 Terms and Conditions: Refer Section 4.50

3.182 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: GPL v2.0
 Terms and Conditions: Refer Section 4.15

3.183 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 ©: 2010 Henrik Rydberg
 Copyright ©: 2010 Canonical Ltd
 Terms and Conditions: Refer Section 4.29

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3.184 Ncurses - 5.9

Description: The Ncurses (new curses) library is a free software emulation of curses in System V Release 4.0, and more.

Available under the license: MIT License

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

Terms and Conditions: Refer Section 4.29

3.185 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

Terms and Conditions: Refer Section 4.33

3.186 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: GPL v2.0

Copyright ©: 1995, 1996 Olaf Kirch

Terms and Conditions: Refer Section 4.15

3.187 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

Available under the license: LGPL v2.1

Copyright ©: 2004-2007 Lennart Poettering

Terms and Conditions: Refer Section 4.22

3.188 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: GPL v2.0

Copyright ©: 2000-2004 Anton Altaparmakov

Copyright ©: 2004-2005 Richard Russon

Copyright ©: 2004-2008 Szabolcs Szakacsits

Copyright ©: 2005 Yura Pakhuchiy

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3.189 **OBEX Daemon - 0.48**

Description: obex-data-server is a D-Bus service providing high-level OBEX client and server side functionality (currently supports OPP and FTP profiles and Bluetooth transport).

Available under the license: GPL v2.0
 Copyright ©: 2000-2010 BlueZ Project
 Terms and Conditions: Refer Section 4.15

3.190 **OFono - 1.12**

Description: oFono is a free software project for mobile telephony (GSM/UMTS) applications.

Available under the license: GPL v2.0
 Copyright ©: 2008-2011 Intel Corporation.
 Terms and Conditions: Refer Section 4.15

3.191 **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

3.192 **Openjpeg 1.5.0**


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 License
 Terms and Conditions: Refer section 4.6

3.193 **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, and scientific visualization and modelling.

Available under the license: LGPL v2.1
 Copyright ©: 2002 Robert Osfield
 Copyright ©: 1998 Julian Smart, Robert Roebing
 Terms and Conditions: Refer Section 4.22

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3.194 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 License

Copyright ©: 1994 Tatu Ylonen

Terms and Conditions: Refer Section 4.7

3.195 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 ©: 1998-2011 The OpenSSL Project

Copyright ©: 1995-1998 Eric A. Young, Tim J. Hudson

Terms and Conditions: Refer Section 4.34

3.196 Opkg - 0.2.1

Description: Opkg is a lightweight package management system.

Available under the license: GPL v2.0

Copyright ©: 2003 kernel concepts Carl D. Worth

Copyright ©: 2001 University of Southern California

Terms and Conditions: Refer Section 4.15

3.197 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: GPL v2.0

Copyright ©: 2002 OProfile authors

Terms and Conditions: Refer Section 4.15


3.198 Osockpack - 1.1.0

Description: Osockpack is simply a set of C++ classes for packing and unpacking OSC packets

Available under the license: MIT License

Copyright ©: 2004-2005 Ross Bencina

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3.199 P7v - 0.2-r2

Description: Program for verifying PKCS#7 packages
Available under the license: LGPL v2.1 License
Copyright ©: 1995 Patrick Powell.
Terms and Conditions: Refer Section 4.22

3.200 PCRE - 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 ©: 1997-2013 University of Cambridge
Terms and Conditions: Refer Section 4.35

3.201 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: Artistic License 1.0
Copyright ©: Larry Wall and others
Terms and Conditions: Refer Section **Error! Reference source not found.**

3.202 Pkg Config - 0.28


Description: pkg-config is a helper tool used when compiling applications and libraries.
Available under the license: GPL v2.0
Copyright ©: 2001, 2002 Red Hat Inc
Terms and Conditions: Refer Section 4.15

3.203 PNG reference library - 1.6.8/1.5.0

Description: Reference library for supporting the Portable Network Graphics (PNG) format.
Available under the license: Libpng License
Copyright ©: 1998-2011 Glenn Randers-Pehrson
Terms and Conditions: Refer Section 4.23

3.204 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: LGPL v2.0 License
Copyright ©: 2008-2010 Red Hat, Inc.

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Terms and Conditions: Refer Section 4.21

3.205 Popt - 1.16

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

Available under the license: XConsortium License

Copyright ©: 1998 Red Hat Software

Terms and Conditions: Refer Section 4.41

3.206 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 4-clause "Original" or "Old" License

Copyright ©: 1990 The Regents of the University of California.

Terms and Conditions: Refer Section 4.8

3.207 PostgreSQL Database Server - 9.2.4

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

Available under the license: PostgreSQL License

Copyright ©: 1996-2009, PostgreSQL Global Development Group

Terms and Conditions: Refer Section 4.36

3.208 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: BSD 2-clause License

Copyright ©: 2006,2007,2008 Katalix Systems Ltd

Terms and Conditions: Refer Section 4.6

3.209 Protobuf- 2.3.0

Description: Protocol Buffers - Google's data interchange format.


Available under the license: BSD 3-clause

Copyright ©: Copyright 2008 Google Inc

Terms and Conditions: Refer Section 4.7

3.210 Psmisc - 22.21

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

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Available under the license: GPL v2.0
 Copyright ©: 1993-2002 Werner Almesberger
 Copyright ©: 2002-2012 Craig Small
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3.211 PulseAudio - 4.0

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

Available under the license: LGPL v2.1
 Copyright ©: 2004-2006 Lennart Poettering
 Terms and Conditions: Refer Section 4.22

3.212 Py2cairo - 1.10.0

Description: Pycairo is a set of Python bindings for the Cairo graphics library.

Available under the license: LGPL v2.1
 Copyright ©: 2003 James Henstridge, Steven Chaplin
 Terms and Conditions: Refer Section 4.22

3.213 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 ©: 1991-1995 Stichting Mathematisch Centrum, Amsterdam.
 Terms and Conditions: Refer Section 4.37

3.214 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: LGPL v2.1
 Copyright ©: 1998-2003 James Henstridge
 Terms and Conditions: Refer Section 4.22

3.215 QT - 4.8.5


Description: Qt GUI Toolkit

Available under the license: LGPLv2.1
 Copyright ©: Nokia Corp.
 Terms and Conditions: Refer section 4.22

3.216 QT-Mobility – 1.2.0

Description: This is the project for the Qt Mobility APIs.

Available under the license: LGPLv2.1
 Copyright ©: Nokia Corp.

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3.217 **RapidXml -1.13**

Description: RapidXml is an attempt to create the fastest XML parser possible, while retaining useability, portability and reasonable W3C compatibility. It is an in-situ parser with parsing speed approaching speed of strlen function executed on the same data.

Available under the license: MIT License
Copyright ©: Copyright (c) 2006, 2007 Marcin Kalicinski

Terms and Conditions: Refer section 4.29

3.218 **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: GPL v2.0
Copyright ©: 2009, Sun Microsystems, Inc.

Terms and Conditions: Refer Section 4.15

3.219 **RSA Data Security-MD5 Message**

Description: A C package to calculate the RSA Data Security, Inc. MD5 Message Digest.

Available under the license: RSA Data Security
Copyright ©: 1991-92, RSA Data Security, Inc.

Terms and Conditions: Refer section 4.46

3.220 **Rsync - 2.6.9**

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


Available under the license: GPL v2.0
Copyright ©: 1996-2001 Andrew Tridgell
Copyright ©: 2001, 2002 Martin Pool

Terms and Conditions: Refer Section 4.15

3.221 **SBC-Bluetooth Low-complexity Subband Codec Library- 1.2**

Description: SBC is a digital audio encoder and decoder used to transfer data to Bluetooth audio output devices like headphones or loudspeakers.

Available under the license: GPL v2.0
Copyright (C): 2008-2010 Nokia Corporation
Copyright (C): 2004-2010 Marcel Holtmann
Copyright (C): 2004-2005 Henryk Ploetz

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Copyright (C): 2005-2006 Brad Midgley
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3.222 SDC

Description: Secure Data Controller for base64 encode & Decode.
Available under the license: Apache License 1.1
Terms and Conditions: Refer Section 4.3

3.223 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: GPL v2.0
Copyright ©: 2002-2011 Erik de Castro Lopo
Terms and Conditions: Refer Section 4.15

3.224 Sg3_utils - 1.31/1.01

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
Available under the license: GPL v2.0
Copyright ©: 1999-2010 Douglas Gilbert.
Terms and Conditions: Refer Section 4.15

3.225 Shadow - 4.1.4.3


Description: The Shadow package contains programs for handling passwords in a secure way
Available under the license: BSD 3-clause License
Copyright ©: 1990 - 1994, Julianne Frances Haugh
Copyright ©: 1996 - 2000, Marek Michalkiewicz
Copyright ©: 2007 - 2009, Nicolas François
Terms and Conditions: Refer Section 4.7

3.226 Shared Mime - 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: GPL v2.0
Copyright ©: 2003 Thomas Leonard
Terms and Conditions: Refer Section 4.15

3.227 Speex - 1.2rc1

Description: Speex is software, which is patent-free

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audio compression format designed for speech.

Available under the license: BSD 3-clause License
 Copyright ©: 2002 Jean-Marc Valin
 Terms and Conditions: Refer Section 4.7

3.228 SQLite – 3.7.3, 3.7.15.2 & 3.7.17

Description: An Embeddable SQL Database Engine
 Available under the license: Public Domain

3.229 Squashfs - 4.2

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: GPL v2.0
 Copyright ©: 2009, 2010, 2011 Phillip Lougher
 Terms and Conditions: Refer Section 4.15

3.230 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 another process/program.

Available under the license: BSD 3-clause License
 Copyright ©: 1991, 1992 Paul Kranenburg
 Terms and Conditions: Refer Section 4.7

3.231 Svg common & resource

Description: svg common & resource files
 Available under the license: MIT
 Copyright (c) 2003 - 2011 ADIT Corporation
 Terms and Conditions: Refer Section 4.29


3.232 System Tap - 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: GPL v2.0
 Copyright ©: 2005-2007 Red Hat Inc.
 Terms and Conditions: Refer Section 4.15

3.233 Systemd - 206

Description: systemd is a system and service manager for Linux, compatible with SysV and LSB

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init scripts. Systemd provides aggressive parallelization capabilities.
 Available under the license: LGPL v2.1
 Copyright ©: 2010 Lennart Poettering
 Copyright ©: 2010 ProFUSION embedded systems
 Terms and Conditions: Refer Section 4.22

3.234 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: LGPL v2.1 and MPL v1.1
 Copyright ©: 2011 Mathias Panzenböck
 Terms and Conditions: Refer Section 4.22 and 4.32

3.235 TCP Wrappers - 7.6

Description: *TCP Wrapper* 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,
 Terms and Conditions: Refer Section 4.38

3.236 The libpcap project - 1.5.3


Description: It is a system-independent interface for user-level packet capture.
 Available under the license: BSD 3-clause License
 Copyright ©: 1997-8 Andrew G Morgan
 Terms and Conditions: Refer Section 4.7

3.237 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 License
 Copyright ©: The Regents of the University of California.
 Terms and Conditions: Refer Section 4.7

3.238 Threaded I/O Tester - 0.3.3

Description: Portable, fully-threaded I/O benchmark program
 Available under the license: GPL v2.0
 Copyright ©: Randy Hron
 Terms and Conditions: Refer Section 4.15

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3.239 TinyXML – 2.6.2

Description: TinyXML is a simple, small, minimal, C++ XML parser.

Available under the license: Zlib/libpng License

Copyright ©: Lee Thomason

Terms and Conditions: Refer section 4.42

3.240 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: GPL v2.0

Copyright ©: 2010 Bastien Nocera

Copyright ©: 2010 William Pitcock

Terms and Conditions: Refer Section 4.15

3.241 Trace-cmd - 1.2

Description: Command line reader for ftrace.

Available under the license: GPL v2.0

Copyright ©: 2009 Red Hat Inc,

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3.242 Tracker - 0.14.2

Description: Tracker is a personal search tool and storage system that allows you to search and enhance your personal data with the minimum of fuss

Available under the license: GPL v2.0

Copyright ©: 2009, Nokia

Terms and Conditions: Refer Section 4.15

3.243 Tslib - 1.1

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: LGPL v2.1

Copyright ©: 2001 Russell King


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3.244 UBoot

Description: U-Boot (Universal Bootloader) is an open source, primary boot loader used in embedded devices.

Available under the license: GPL v2.0

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3.245 Udisks - 1.0.4

Description: Udisk is a daemon, udiskd that implements well-defined D-Bus interfaces that can be used to query and manipulate storage devices

Available under the license: GPL v2.0

Copyright ©: 2008 David Zeuthen

Terms and Conditions: Refer Section 4.15

3.246 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 ©: 1990-2009 Info-ZIP.

Terms and Conditions: Refer Section 4.17

3.247 USB Utils - 007

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: GPL v2.0

Copyright ©: 1999-2001, 2003 Thomas Sailer

Copyright ©: 2003-2005 David Brownell

Terms and Conditions: Refer Section 4.15

3.248 Userspace-rcu - 0.7.7

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

Available under the license: LGPL v2.1

Copyright ©: 2010 Mathieu Desnoyers

Terms and Conditions: Refer Section 4.22

3.249 Util-Linux - 2.23.2

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

Available under the license: GPL v2.0


Copyright ©: 2008 Roy Peled.

Copyright ©: 2004-2006 by Michael Holzt.

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3.250 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

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different ABI compared to applications and libraries written in C.
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Copyright ©: 2006-2010 Jurg Billeter
Terms and Conditions: Refer Section 4.15

3.251 Vdisplay

Description: N/A
Available under the license: MIT License
Copyright ©: 2011 Kristian Hågsberg
Terms and Conditions: Refer Section 4.29

3.252 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 License
Copyright ©: 1998 - 2006 Conifer Software.
Terms and Conditions: Refer Section 4.7

3.253 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: MIT License
Copyright ©: 2008 Kristian Hogsberg
Terms and Conditions: Refer Section 4.29

3.254 Wireless-tools - 30

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: GPL v2.0
Copyright ©: 1997-2007 Jean Tourrilhes
Terms and Conditions: Refer Section 4.15

3.255 Wpa_supplicant - 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: GPL v2.0
Copyright ©: 2002-2008, Jouni Malinen
Terms and Conditions: Refer Section 4.15

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3.256 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

Copyright ©: 1993, 1994, 1998 The Open Group

Terms and Conditions: Refer Section 4.29

3.257 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

Copyright ©: 2001-2004 Bart Massey and Jamey Sharp.

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3.258 XML Foundation

Description: An Object Oriented approach to reading and writing XML directly from GUI objects such as CDialogs and from server side objects such as COM and CORBA. All examples work in Windows, Linux, UNIX, Windows Mobile and other platforms.

Available under the license: MIT License

Copyright ©: by BrianAberle

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3.259 XML Parser Genrator- 2.23

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 lex/yacc.

Available under the license: BSD 3-Clause License

Copyright ©: Copyright (c) 2002, Frank Vanden Berghen

Terms and Conditions: Refer Section 4.7

3.260 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

3.261 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 License

Copyright ©: 2007-2011, Lloyd Hilaiel

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3.262 Zlib – 1.2.8 /1.2.3/1.2.6/1.2.7

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
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```
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* 1997 Center for Spoken Language Understanding,
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```

```
./examples/festival_client.pl
# 1997
# Kevin A. Lenzo (lenzo@cs.cmu.edu) 7/97
See condition in file
```

```
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Alan W Black 1996
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```

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<signature of Ty Coon>, 1 April 1989
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.


In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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


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

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

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

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

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact

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<year> <name of author>
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Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301
USA
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```
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library `Frob' (a library for tweaking knobs) written by James Random
Hacker.
```

```
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
```

That's all there is to it!

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4.22 LGPLv2.1 License

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Version 2.1, February 1999

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

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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


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

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

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

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

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a

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


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

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Written by: Philip Hazel <ph10@cam.ac.uk>

University of Cambridge Computing Service,
Cambridge, England. Phone: +44 1223 334714.


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