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ACL	2.2.52	GNU Lesser General Public License v2.1 or later LGPL-2.1+ GPL-2.0+ Public-domain FSF GPL V3 or later with autoconf exception FSF - Configure Script GNU Libtool GPL-2.0+ with exception	<a href="https://savannah.nongnu.org/projects/acl">https://savannah.nongnu.org/projects/acl</a>	(C) 1999, 2000 Andreas Gruenbacher Copyright (C) 1999,2000,2002,2003,2007,2011 Andreas Gruenbacher Copyright (C) 2001-2002 Silicon Graphics, Inc Copyright (C) SuSE Linux AG Copyright (c) 2007, 2008 Andreas Gruenbacher.  Copyright (c) 2003-2006 Silicon Graphics, Inc.  Copyright (C) 2012 Free Software Foundation, Inc.
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Alsa Utils	1.0.29	GNU General Public License v2.0 or later	<a href="ftp://ftp.alsa-project.org/pub/Utils">ftp://ftp.alsa-project.org/pub/Utils</a>	Copyright (c) by Abramo Bagnara Copyright (c)1999-2000,2008,2010 by Jaroslav Kysela Copyright (C) 2003 Greg Kroah-Hartman Copyright (C) 2004-2006 Kay Sievers Copyright (c)2004-2006 Clemens Ladisch Copyright (c) 1998,1999 Tim Janik Copyright (c) 1874 Lewis Carroll Copyright (C) 2008-2010 SlimLogic Ltd Copyright (C) 1999-2000,2003 by Takashi Iwai Copyright (C) 2000-2004 James Courtier-Dutton Copyright (C) 2005 Nathan Hurst
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apitrace	7.1	MIT License	<a href="http://github.com/apitrace/apitrace/">http://github.com/apitrace/apitrace/</a>	Copyright 2009,2010,2013,2014,2015,2016 Google Inc Copyright 2012,2013 Intel Corporation Copyright 2010-2016 VMware, Inc Copyright 2011-2014 Jose Fonseca Copyright 2011 LunarG, Inc Copyright 2015 Alexander Trukhin Copyright 2013 Samsung Contributed by Eugene Velesevich Copyright 2006 Keith Packard and Carl Worth Copyright 2011 Zack Rusin, Copyright 2004 IBM Corporation



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APMD-Advanced Power Management Daemon	3.2.2	GNU General Public License v2.0 or later	<a href="https://packages.debian.org/wheezy/apmd">https://packages.debian.org/wheezy/apmd</a>	Copyright 1996, 1997 Rickard E. Faith
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Lz4 Command Line Interface	r128	GNU General Public License v2.0 or later	<a href="https://github.com/lz4/lz4/tree/dev/programs">https://github.com/lz4/lz4/tree/dev/programs</a>	Copyright: Copyright (C) Yann Collet 2011-2015.;
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py2cairo	1.10. 0	GNU Lesser General Public License v2.1 or later	<a href="http://cairographics.org/pycairo/">http://cairographics.org/pycairo/</a>	This component is a part of Cairo Vector Graphics Library which is already identified with a version 1.12.14. Hence this is separately identified as py2cairo with version 1.10.0.

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Rygel - DLNA Media Server	0.30.1	GNU Lesser General Public License v2.1 or later	<a href="https://wiki.gnome.org/Projects/Rygel">https://wiki.gnome.org/Projects/Rygel</a>	Copyright:Copyright (C) 2012,2013 Intel Corporation, Copyright (C) 2008,2009 Zeeshan Ali, Copyright (C) 2013 Cable Television, Copyright (C) 2011,2014,2016 Jens Georg, Copyright (C) 2008,2009,2010 Nokia Corporation, Copyright (C) 2012 Openismus GmbH, Copyright (C) 2013 Cable Television, Inc. Copyright (C) 2014 Atlantic PuffinPack, Copyright (C) 2007 OpenedHand Ltd, Copyright (C) 2011 Red Hat, Copyright (C) 2010 Andreas Henriksson.;
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util-unix-ng	2.26.2	BSD 3-clause "New" or "Revised" License	<a href="https://www.kernel.org/pub/linux/utils/util-linux/">https://www.kernel.org/pub/linux/utils/util-linux/</a>	1996, 1997, 1998 Theodore Ts'o

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audit	2.4.5	LGPL-2.1+ FSF GPL-2.0+ with autoconf exception GPL V3 or later with autoconf exception FSF - Configure Script Public-domain X11 GNU Libtool GPL-2.0+ with exception LGPL-2.0+ Free Software License - Paolo Bonzini GPL-2.0+ LGPL-2.1 BSD-2 Clause	copyright 2007-2011, Philipp Matthias Hahn &lt;pmhahn@debian.org Copyright: 2005-2008 Steve Grubb,sgrubb@redhat.com>; Copyright 2015 Red Hat Inc., Durham, North Carolina. Copyright (©) 2009-2015 Marc Alexander Lehmann Copyright (c) 2011 IBM Corp.  Copyright (c) 2008 Paolo Bonzini Copyright (C) 2003-2014 Free Software Foundation, Inc.  Dual License - GPL-2.0+ & BSD - 2 Clause
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dash	0.5.8	BSD-3 Clause Public-domain Makefile FSF license GPL-2.0+ GPL-1.0+ MIT-Matt Johnston and Mihnea Stoenescu GPL v3 or later with Bison exception FSF FSF - Configure Script GNU Libtool GPL-2.0+ with exception		Copyright (c) 2007 Herbert Xu ;herbert@gondor.apana.org.au Copyright (c) 1999 Main code: Adam Rogoyski;rogoyski@cs.utexas.edu; Etc: Dave Cinege ; dcinege@psychosis.com Copyright (c) 1995 The Regents of the University of California. Copyright (C) 2012 Free Software Foundation, Inc. Copyright (C) 1994 X Consortium

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dlt-daemon	2.16	MPL-2.0 MIT FSF without royalty	copyright Copyright © 2017 Advanced Driver Information Technology. Copyright 2010 Lennart Poettering Copyright (C) 2011-2015, BMW AG Copyright (C) 2011-2012, BMW AG – Alexander Wenzel
dpkg	1.18	GPL-2.0+ Public-domain GPL-2.0 Curl Component license GNU MP Library file license MIT-Matt Johnston and Mihnea Stoenescu ISC MIT - Eric Haszlakiewicz MIT- Matt Johnston Zlib license FSF GPL V3 or later with autoconf exception X11 GNU Libtool GPL-2.0+ with exception GPL-2.0+ with autoconf exception GNU gettext support file license LGPL-2.0+ Makefile FSF license FSF - Configure Script	© 2011 Kees Cook © 2010-2011 Raphaël Hertzog © 2007, 2008 Frank Lichtenheld © 2007 Guillem Jover" © 2005 Scott James Remnant" © 2001 Wichert Akkerman" © 2001 Joey Hess" © 1997,1998 Charles Briscoe-Smith med "flera." © 1996 Kim-Minh Kaplan" © 1995, 1996 Erick Branderhorst" Copyright © Colin Watson ; Copyright © 2015 Guillem Jover Copyright © 2014 Nir Soffer Copyright © 2011 Matt Kraai &lt; kraai@ftbfs.org>; Copyright © 2011 Linaro Limited Copyright © 2010 Oxan van Leeuwen Copyright © 2009 Romain Françoise Copyright © 2009 Chris Coulson Copyright © 2009 Canonical Ltd. Copyright © 2008 Zack Weinberg Copyright © 2008 Samuel Thibault Copyright © 2008 Pierre Habouzit Copyright © 2008 James Westby Copyright © 2008 Frank Lichtenheld Copyright © 2008 Andreas Pahlsson Copyright © 2007-2015 Guillem Jover Copyright © 2007, 2008 Tollef Fog Heen Copyright © 2007 Nicolas François Copyright © 2007 Don Armstrong Copyright © 2007 Colin Watson

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findutils	4.2.3 1	GPL-2.0+ GNU Copyright statement -Verbatim copies FSF GPL-2.0 GPL v3 or later with Bison exception Curl Component license LGPL-2.0+ GNU gettext support file license Public domain GPL V3 or later with autoconf exception Public-domain LGPL-2.1 Makefile FSF license FSF - Configure Script GPL-2.0+ with autoconf exception X11	Copyright © 2006 Free Software Foundation, Inc.
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init-system-helpers	1.29	GPL-2.0+ GPL-2.0 BSD-3 Clause LGPL-2.1+ GPL-2.0+ FSF - Configure Script LGPL-2.0+ Curl Component license Public-domain GNU MP Library file license		<p>© 2013-2014 Michael Stapelberg</p> <p>Copyright (c) 2000,2001 Henrique de Moraes Holschuh</p> <p>Copyright (C) 2014 Ondřej Surý</p> <p>Copyright (C) 2008 Canonical Ltd.</p> <p>Copyright (C) 2006 Red Hat, Inc.</p> <p>(c) 2003 Software in the Public Interest</p>
kmod	22	LGPL-2.1+ GPL-2.0+ FSF - Configure Script LGPL-2.0+ Public-domain Curl Component license GNU MP Library file license		<p>Copyright © 2007-2010 Josh Triplett; josh@joshtriplett.org</p> <p>Copyright 2014, Marco d'Itri.</p> <p>Copyright 2010 Lennart Poettering</p> <p>Copyright 2006-2010, Jon Masters, Red Hat, Inc.</p> <p>Copyright 2004, Rusty Russell, IBM Corporation.</p> <p>Copyright (c) 2006-2008 xine project</p> <p>Copyright (c) 2006-2008 Diego Pettenò ;flameeyes@gmail.com;</p> <p>Copyright (C) 2015 Intel Corporation.</p> <p>Copyright (C) 2013 Tom Gundersen ; teg@jklm.no;</p> <p>Copyright (C) 2013 Michal Marek, SUSE</p> <p>Copyright (C) 2012-2013 ProFUSION embedded systems</p> <p>Copyright (C) 2012 W. Trevor King ; wking@tremily.us;</p> <p>Copyright (C) 2012 Red Hat, Inc. W. Trevor King</p> <p>Copyright (C) 2012 Pedro Pedruzzi</p> <p>Copyright (C) 2008 Alan Jenkins ;alan-jenkins@tuffmail.co.uk;.</p>

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libcap-ng	0.7.7	LGPL-2.1+ GPL-2.0+ with autoconf exception GPL-2.0+ Public-domain Makefile FSF license FSF GPL V3 or later with autoconf exception FSF - Configure Script X11 GNU Libtool GPL-2.0+ with exception	Copyright 2015 Red Hat Inc., Durham, North Carolina. Copyright 2009-2015 Steve Grubb ;sgrub@redhat.com; Copyright 1992-2014 Free Software Foundation, Inc. Copyright (C) 1994 X Consortium
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libffi	3.2.1	MIT MIT - Petri Lehtinen MIT - Eric Haszlakewicz GPL-2.0+ Public-domain GPL V3 or later with autoconf exception GPL-2.0+ with autoconf exception FSF GNU MP Library file license FSF - Configure Script X11 GNU Libtool GPL-2.0+ with exception GPL V3 with Tex exception	Copyright @copyright{} 2008, 2010, 2011 Red Hat, Inc. Copyright 1992-2013 Free Software Foundation, Inc. Copyright (c) 2014 Sebastian Macke ;sebastian@macke.de; Copyright (c) 2014 Anthony Green Copyright (c) 2013 The Written Word Inc. Copyright (c) 2013 Tensilica, Inc. Target configuration macros for XTENSA. Copyright (c) 2013 Synopsys, Inc. (www.synopsys.com) Copyright (c) 2013 Miodrag Vallat. ;miod@openbsd.org; Copyright (c) 2013 Mentor Graphics. Copyright (c) 2012, 2013 Xilinx, Inc Copyright (c) 2012 Tilera Corp. Copyright (c) 2012 Thorsten Glaser Copyright (c) 2012 Alexandre K. I. Copyright (c) 2012 Alan Hourihane Copyright (c) 2011 Timothy Wall

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libgpg-error	1.21	LGPL-2.1+ GPL-2.0+ FSF Public-domain GNU gettext support file license GPL-2.0 BSD-3-Clause FSF - Configure Script GPL-2.0+ with autoconf exception GPL V3 or later with autoconf exception X11		Copyright: 2001-2004, 2010, 2012-2014 , g10 Code GmbH Copyright © 2009 Free Software Foundation,  Copyright (C) 2014 Jedi Lin Copyright (C) 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper Copyright (C) 1994 X Consortium

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		GNU Libtool GPL-2.0+ with exception LGPL-2.0	
libseccomp	2.3.1	GPL-2.0 LGPL-2.1 Public-domain Makefile FSF license GPL-2.0+ GPL-2.0+ with autoconf exception GPL V3 or later with autoconf exception X11 GNU Libtool GPL-2.0+ with exception MIT - Petri Lehtinen Curl Component license FSF LGPL-2.0+ FSF - Configure Script	Copyright: 2013 Vitaly Shukela ; vi0oss@gmail.com; Copyright: 2012 Paul Moore pmoore@redhat.com; Copyright: 2012 Kees Cook ;kees@debian.org; Copyright: 2006 Bob Jenkins ; bob_jenkins@burtleburtle.net; Copyright IBM Corp. 2012 Author: Corey Bryant ; coreyb@linux.vnet.ibm.com; Copyright 1992-2015 Free Software Foundation, Inc. Copyright (c) 2016 Helge Deller ;deller@gmx.de; Copyright (c) 2015 Mathias Krause ;minipli@googlemail.com; Copyright (c) 2015 Freescale ;bogdan.purcareata@freescale.com; Copyright (C) 2015 Canonical Ltd. Copyright (C) 1994 X Consortium
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libxcb	1.11.1	GPL V3 or later with autoconf exception GPL-2.0+ with autoconf exception GNU Libtool GPL-2.0+ with exception X11 Public-domain GPL-2.0+ FSF Makefile FSF license FSF - Configure Script		Copyright © 2004 Scott James Remnant ;scott@netsplit.com;. Copyright 2005 Red Hat, Inc Copyright 1992-2014 Free Software Foundation, Inc. Copyright (c) 2009 Steven G. Johnson ;stevenj@alum.mit.edu; Copyright (c) 2009 Mike Frysinger ;vapier@gentoo.org; Copyright (c) 2009 Matteo Frigo Copyright (c) 2005, 2006, Oracle and/or its affiliates. Copyright (C) 2001-2008 Bart Massey and Jamey Sharp. Copyright (C) 1994 X Consortium
libxdmcp	1.1.2	ISC Open Group GPL-2.0 X11 MIT NTP Public-domain Makefile FSF license FSF GPL-2.0+ with autoconf exception FSF - Configure Script GNU Libtool GPL-2.0+ with exception GPL-2.0+ ISC License		Copyright © 2005 David Nusinow ;dnusinow@debian.org; Copyright © 2005 Daniel Stone ;daniel@fooishbar.org; Copyright © 2004 Scott James Remnant ;scott@netsplit.com;. Copyright © 2003 Keith Packard, Noah Levitt Copyright 2005 Red Hat, Copyright 1998-2005, 2007 Branden Robinson Copyright 1997 Mark Eichin Copyright 1996 Stephen Early Copyright 1992-2014 Free Software Foundation, Inc. Copyright 1989, 1998 The Open Group Copyright 1989 Network Computing Devices, Inc., Mountain View, California. Copyright (c) 2013, Oracle and/or its affiliates. Copyright (c) 2009 Steven G. Johnson ; stevenj@alum.mit.edu; Copyright (c) 2009 Mike Frysinger ; vapier@gentoo.org; Copyright (c) 2009 Matteo Frigo



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pcre3	8.38	BSD-3-Clause BSD-2-Clause BSD-3 University of Cambridge FSF GPL-2.0+ with autoconf exception FSF - Configure Script GPL-2.0+ Public-domain X11 GNU Libtool GPL-2.0+ with exception GPL V3 or later with autoconf exception Makefile FSF license BSD-3 Google	Copyright © 2004 Scott James Remnant ;scott@netsplit.com;. Copyright 2013-2013 Tiler Corporation(jiawang@tilera.com). Copyright 2009-2012 Zoltan Herczeg (hzmester@freemail.hu). Copyright 2003 and onwards Google Inc. Author: Sanjay Ghemawat Copyright 1992-2014 Free Software Foundation, Inc. Copyright (c) 2011 Daniel Richard G. ;skunk@iSKUNK.ORG; Copyright (c) 2008 Steven G. Johnson ;stevenj@alum.mit.edu; Copyright (c) 2001, Alexander Tokarev Copyright (C) 1994 X Consortium (c) 2010-2015 Zoltan Herczeg (c) 2001 Peter S. Voronov aka Chem O'Dun ;peterovrn@yahoo.com;
procps	3.3.10	GPL-2.0+ LGPL-2.0+ GPL-2.0 LGPL-2.0 LGPL-2.1+ GPL v3 or later with Bison exception Curl Component license GPL-2.0+ with autoconf exception FSF Public-domain GNU gettext support file license verbatim manual 3 license Makefile FSF license FSF - Configure Script GNU Libtool GPL-2.0+ with exception	copyright 2002 Albert Cahalan Copyright: 2013 Jaromir Capik ; jcapik@redhat.com; Copyright: 2011 Sami Kerola ; kerolasa@iki.fi; Copyright: 2002-2014 James C. Warner Copyright: 2000 Kjetil Torgim Homme ;kjetilho@ifi.uio.no; 2002,2006 Albert Cahalan 2012 Roberto Polli ;rpolli@babel.it; Copyright: 1999 George Staikos Copyright: 1997-2015 Craig Small ;csmall@debian.org; Copyright © 2004 Scott James Remnant ;scott@netsplit.com;. Copyright 2004 Nicholas Miell. Copyright 1996-2003 Free Software Foundation, Inc. Copyright 2003 Robert Love Copyright 1996 Charles L. Blake. Copyright 1994 by Henry Ware ;al172@yfn.ysu.edu;. Copyright (c) Dec 1993, Oct 1994 Steve "Mr. Bassman" Bryant bassman@hpbbs30.bbn.hp.com Copyright (c) 2011-2014, by: James C. Copyright (c) 1995 Martin Schulze ; joey@infodrom.north.de; Copyright (c) 1993 Larry Greenfield Copyright (C) 1998 Miquel van Smoorenburg. Copyright (C) 1998 Michael K. Johnson Copyright (C) 1994 Henry Ware ;

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				al172@yfn.ysu.edu;
systemd	232	GPL-2.0+ MIT LGPL-2.1+ GPL-2.0 GPL-2.0+ with autoconf exception GPL V3 or later with autoconf exception Public domain LGPL-2.0+ FSF - Configure Script		Copyright abandoned, 2000, Niels Kristian Bech Jensen ;nkbj@image.dk; Copyright Tom Gundersen ;teg@jklm.no; Copyright 2016 Zeal Jagannatha Copyright 2016 Zbigniew Jędrzejewski-Szmek Copyright 2016 Susant Sahani Copyright 2016 Michal Soltys ;soltys@ziu.info; Copyright 2016 Michael Karcher Copyright 2016 Lennart Poettering Copyright 2016 Julian Orth Copyright 2016 Jan Synáček Copyright 2016 Gabor Kelemen Copyright 2016 Djalal Harouni Copyright 2016 Andreas Rammhold ;andreas@rammhold.de; Copyright 2016 Alexander Shopov ;ash@kambanaria.org; Copyright 2015, 2016 Viktor Vaŭčkievič Copyright 2015 Zbigniew Jędrzejewski-Szmek Copyright 2015 Werner Fink Copyright 2015 Tom Gundersen Copyright 2015 Ronny Chevalier Copyright 2015 Rafael Ferreira Copyright 2015 Lennart Poettering Copyright 2015 Jeff Huang Copyright 2015 Filipe Brandeburger Copyright 2015 David Herrmann ; dh.herrmann@gmail.com; Copyright 2015 Daniel Mack Copyright 2015 Chris Morgan Copyright 2015 Canonical Copyright 2015 Boyuan Yang Copyright 2014 Vinay Kulkarni

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util-linux	2.27.1	LGPL-2.1+ GPL-2.0+ Public-domain BSD-4-Clause-UC GPL-2.0 ISC Zlib license GPL-2.0+ with autoconf exception GPL V3 or later with autoconf exception FSF MIT - Eric Haszlagiewicz Curl Component license Makefile FSF license GNU MP Library file license BSD 3 Clause-Theodore Ts'o BSD-3 Clause MIT- Matt Johnston GPL-1.0+ FSF - Configure Script X11 BSD - 4 Clause Regents of the University of California GNU Copyright statement -Verbatim copies GNU Libtool GPL-2.0+ with exception LGPL-2.0+ MIT		copyright (c) 1997-2005 by Frodo Looijaard frodo@frodo.looijaard.name; Copyright: Guy Maor Copyright: 2013, Red Hat, Inc. Copyright: 2010, 2011 Davidlohr Bueso ;dave@gnu.org; Copyright: 2010 Lennart Poettering Copyright: 2009-2014 Karel Zak Copyright: 2005 Jens Axboe ; jens@axboe.dk; Copyright: 2004 Robert Love Copyright: 2003-2005 H. Peter Anvin Copyright: 2003, 2004, 2005 Thorsten Kukuk Copyright: 2001 Andreas Dilger Copyright: 2000-2001 Gunnar Ritter Copyright: 1999, 2001 Andries Brouwer Copyright: 1996, 2003 Rickard E. Faith (faith@acm.org) Copyright: 1991, 1992 Linus Torvalds Copyright: 1987 Regents of the University of California Copyright © Michael Piefel Copyright © Karel Zak ; kzak@redhat.com; 2014 Copyright © 2014 Benjamin Weis ;benjamin.weis@gmx.com; Mario Blättermann ; mario.blaettermann@gmail.com;,, 2014, 2015. Philipp Thomas ; pth@suse.de;,, 2014, 2015. Copyright © 2012 Arun Persaud ; arun@nubati.net; Copyright © 2004 Scott James Remnant ;scott@netsplit.com;. Copyright © 2004 Nilgün Belma Bugüner. Copyright © 2013-2014 Lauri Nurmi ;lanurmi@iki.fi; Lauri Nurmi ; lanurmi@iki.fi;

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xz-utils	5.1	<p>Public-domain</p> <p>GPL-2.0+</p> <p>GPL V3 or later with autoconf exception</p> <p>GPL-2.0</p> <p>FSF</p> <p>XZ Utils Licensing</p> <p>LGPL-2.1</p> <p>FSF without royalty</p>		<p>© 2007-2008 Free Software Foundation, Inc.</p> <p>© 2006 Timo Lindfors 2005, Charles Levert 2005, 2009, Lasse Collin 2009 , Andrew Dudman Other-Authors: Paul Eggert, Ulrich Drepper Copyright: © 2008, Steven G. Johnson ;stevenj@alum.mit.edu;</p> <p>Copyright: © 1997-2007 by Dimitri van Heesch</p> <p>Copyright: © 1993, Jean-loup Gailly</p> <p>Copyright: 2010, Marek Černocký</p> <p>2010, Andre Noll 2011, Adrien Nader</p> <p>License: PD This file is put in the public domain.</p> <p>Copyright: 2010, Daniel Mealha Cabrita</p> <p>Copyright: 2009-2012, Jonathan Nieder</p> <p>Copyright: 2009-2010, Lasse Collin</p> <p>Copyright: 2009, 2010, Gruppo traduzione italiano di Ubuntu-it</p> <p>2010, Lorenzo De Liso 2009, 2010 , 2011, Milo Casagrande 2011, Jakub Bogusz</p> <p>Copyright (C) 2005 Philipp Benner.</p>

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Acl	2.2.52	LGPL-2.1+ GPL-2.0+ GPL V2 or later with autoconf exception GNU Libtool GPL v2 or later with exception LGPL-2.1 FSF - Configure Script		Copyright (C) 2011 Andreas Gruenbacher Copyright (C) 1989, 1991-2012 Free Software Foundation, Inc. Copyright (c) 2000-2006 Silicon Graphics, Inc.
Appar mor	2.13.23co8ba1	GPL-2.0 LGPL-2.1 Canonical Ltd License Novell Inc. and Canonical Ltd License GPL-2.0+ GPL V2 or later with autoconf exception Public-domain GNU Libtool GPL v2 or later with exception FSF - Configure Script		<b>Dual License - BSD - 3 Clause &amp; GPL v2</b>  Copyright 2017 Canonical Ltd. Copyright (C) 2015-2018 Christian Boltz Copyright: 2012 Collabora Ltd Copyright (C) 2009 John Dong Copyright (C) 2006 Volker Kuhlmann Copyright: 1998-2010 Novell/SuSE/Immunix Copyright (C) 2011 Novell/SUSE Copyright (c) 2005-2010 Novell, Inc 2002, 2003, 2004 SuSE GmbH



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base-files	10.1 co2 ba1	Apache-2.0 LGPL-2.0+ MPL-2.0-no-copyleft-exception LGPL-2.1+ GPL-2.0+ CC0-1.0 BSD-3-Clause Artistic-1.0-Perl GPL-1.0+ GFDL V1.3 or later GFDL 1.2 or later		Copyright (c) The Regents of the University of California. Copyright (C) 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc. Copyright (C) 1995-2011 Software in the Public Interest.
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Coreutils- glibc	6.9- 0co1 1b a1	GPL-2.0+ Public-domain GPL V2 or later with autoconf exception GFDL-1.2+ GPL-2.0 BSD-3-Clause GFDL-1.2 ISC FSF X11 LGPL-2.1+ GPL-2.0+-with- bison-exception Public domain GPL V2 or later with texinfo exception FSF - Configure Script		Copyright 1991-2004 Miquel van Smoorenburg Copyright 1989, 1991-2016 Free Software Foundation, Inc. Copyright (c) 1996-1999 by Internet Software Consortium. Copyright (c) 1990, 1993, 1994 The Regents of the University of California. All rights reserved. Copyright (C) 2004, 2006 Simon Josefsson Copyright (C) 2000-2005 Pavel Roskin &lt;proski@gnu.org>; Initially written by Tom Tromey &lt;tromey@cygnus.com>; Completely rewritten by Pavel Roskin &lt;proski@gnu.org>; Copyright (C) 1997, 1998, 1999 Colin Plumb. Copyright (C) 1995-1997, 2000- 2006 by Ulrich Drepper &lt;drepper@gnu.ai.mit.edu>; Copyright (C) 1994, 1995, 1997, 1998, 1999, 2000 H. Peter Anvin Copyright (C) 1994 X Consortium Copyright (C) 1984 David M. Ihnat
cryptsetup	2.0.6	GPL-2.0+ LGPL-2.1+ CC0-1.0 Apache-2.0 Public-domain GPL-2.0 Freeware FSF CC-BY-SA-3.0 CC-BY-SA-4.0		© 2018 Erik Nellesen © 2016-2018 Guilhem Moulin © 2015 Samuel Neves © 2015 Jean-Philippe Aumasson © 2015 Dmitry Khovratovich © 2010-2018 Milan Broz © 2009,2014 Peter Lebbing © 2008-2018 Red Hat, Inc. © 2005-2006 Michael Gebetsroither © 2004-2008 Clemens Fruhwirth Copyright: © 2015-2018 Guilhem Moulin Copyright: © 2015 Thomas Pornin

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the library `Frob' (a library for tweaking knobs) written  
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### **3.1.34 Action - 0.1.1**

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

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

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

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

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

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

Drools:: Scorecards - 5.5.0.Final

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

License: Apache License 2.0

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

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

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

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

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#### **3.1.41 doT - 1.0.1**

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

License: MIT License

#### **3.1.42 JQuery: 2.0.3**

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

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

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

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

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

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#### **3.1.45 OpenSSL**

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

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#### **3.1.46 CRC32**


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

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

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

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

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

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### **3.1.49 CMarkup - 11.05**

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

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

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

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

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

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

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### **3.1.54 Android - platform - bootable – recovery - 5.0.0\_r1**

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### **3.1.55 Android - platform - bootable – recovery - 2.3\_r1**

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

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

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

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

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

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

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### **3.1.63 Bsdiff - 4.3**

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

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

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

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

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### **3.1.65 IGEP Linux Kernel - 2.6.28.10-igep0020b-0**

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

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

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

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

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

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

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

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

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

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

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

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

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### 3.1.74 Zlib - 1.2.3

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

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

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### 3.1.76 gpclib

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

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Version Unspecified

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

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### 3.1.78 Android - platform - frameworks - base

Version android-7.0.0\_r1

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

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

Version Unspecified

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

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

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<http://boost.org/>

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### **3.1.81 gecko-dev**

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

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

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### **3.1.83 Opus**

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<http://opus-codec.org>

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1.2beta2 dev

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### 3.1.86 jsoncpp

Version

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

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

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

Version master-20141218

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

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### **3.1.92 PVRTC Library**

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

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

Version Unspecified

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

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

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

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### **3.1.95 aladdin-md5**

Version Unspecified

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

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### **3.1.96 OpenGL-Examples**

Version master-20141123

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

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### **3.1.97 SDL**

Version 2.0

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

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### **3.1.96.2 zlib**

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

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

Version 1.0

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

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RealVNC has made the following modifications to OpenSSL 0.9.8zf:

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

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

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

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follows:

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

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

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

### **3.2.14 keysymdef**

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

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

#### **3.2.20 miniupnpc**

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

Author: Thomas Bernard

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### **3.2.20.3 RealVNC modifications to**

**miniupnpc** The following modifications

have been made:

- Requests have been cancelled.

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

### **3.2.21 LibTomCrypt**

LibTomCrypt, modular cryptographic library -- Tom St Denis

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

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

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

### **3.2.22 LibTomMath**

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

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

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

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

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

### **3.2.23 Base64.java**

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

@author Robert Harder

@author rob@iharder.net

@version 2.3.5.2.

### **3.2.24 Internal Android OS APIs**

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### **3.2.25 ExtractMpegFramesTest.java**

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### **3.2.28 WPA Supplicant**

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

RealVNC has applied the following patch:

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

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

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

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

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

#### **3.2.31 mxcfb.h**

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#### **3.2.32 axTLS**

axTLS Embedded SSL

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

Some unwanted type and function definitions have been removed.

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