

License Report

for project

Vingtor Stentofon-VSFT-5.1

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1 alsa-lib

Package: alsa-lib 1.1.5

License: LGPL-2.1+

Flags:

URL: <http://dl.ambiweb.de/mirrors/ftp.alsa-project.org/lib/alsa-lib-1.1.5.tar.bz2>
<ftp://ftp.alsa-project.org/pub/lib/alsa-lib-1.1.5.tar.bz2>

MD5: a2b465c3a5265d8a57f3ff39c6c4fc29



Figure 1.1: Dependency tree for alsa-lib

1.1 COPYING[automatically found]

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

That's all there is to it!

2 alsa-utils

Package: alsa-utils 1.1.5

License: GPL-2.0+

Flags:

URL: <http://dl.ambiweb.de/mirrors/ftp.alsa-project.org/utils/alsa-utils-1.1.5.tar.bz2>
<ftp://ftp.alsa-project.org/pub/utils/alsa-utils-1.1.5.tar.bz2>

MD5: dfe6ea147a5e07a056919591c2f5dac3

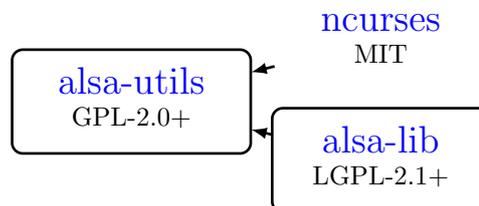


Figure 2.1: Dependency tree for alsa-utils

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```

```
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License: GPL-2.0, LGPL-2.0

Flags:

URL: <http://download.savannah.gnu.org/releases/attr/attr-2.4.47.src.tar.gz>
<http://mirrors.zerg.biz/nongnu/attr/attr-2.4.47.src.tar.gz>

MD5: 84f58dec00b60f2dc8fd1c9709291cc7

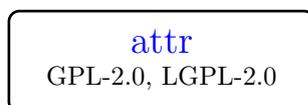


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```
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under certain conditions; type 'show c' for details.
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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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library 'Frob' (a library for tweaking knobs) written by James Random Hacker.
```

3 attr

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

That's all there is to it!

4 avahi

Package: avahi 0.7

License: LGPL-2.1+

Flags:

URL: <http://avahi.org/download/avahi-0.7.tar.gz>

MD5: d76c59d0882ac6c256d70a2a585362a6

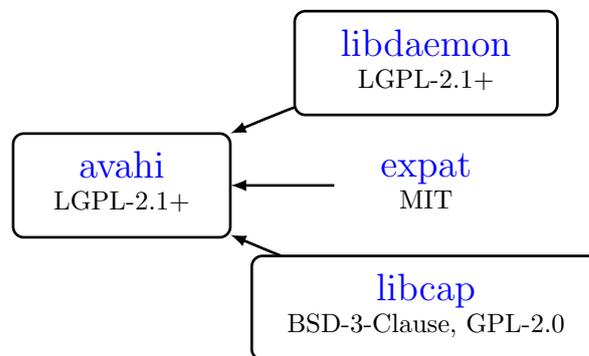


Figure 4.1: Dependency tree for avahi

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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!

5 barebox

Package: barebox 2013.01.0

License: GPLv2

Flags:

URL: <http://www.barebox.org/download/barebox-2013.01.0.tar.bz2>

MD5: edfa1bafa72cae84542e0fdb0b5b2844



Figure 5.1: Dependency tree for barebox

5.1 COPYING[automatically found]

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Package: boardtest v3.0-5-g5e19ca8

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 6.1: Dependency tree for boardtest

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7 bootlets

Package: bootlets 10.08.01

License: GPLv2

Flags:

URL: <http://www.pengutronix.de/software/ptxdist/temporary-src/imx-bootlets-src-10.08.01.tar.gz>

MD5: 85e2ce99c26375ddddd9c6b4ef656b595



Figure 7.1: Dependency tree for bootlets

8 bridge-utils

Package: bridge-utils 1.5

License: GPL-2.0+

Flags:

URL: <http://downloads.sourceforge.net/sourceforge/bridge/bridge-utils-1.5.tar.gz>

MD5: ec7b381160b340648dede58c31bb2238

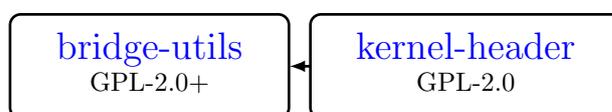


Figure 8.1: Dependency tree for bridge-utils

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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8 *bridge-utils*

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```
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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9 busybox

Package: busybox 1.29.3

License: GPL-2.0-only

Flags:

URL: <https://www.busybox.net/downloads/busybox-1.29.3.tar.bz2>

MD5: 0a367e19cdfd157e8258d87f893ee516

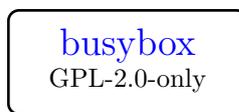


Figure 9.1: Dependency tree for busybox

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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10 camera *** Proprietary License!

Package: camera v1.771-128-ge70925c

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 10.1: Dependency tree for camera

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11 coxpcall

Package: coxpcall 1.13.0

License: LGPLv2.1+

Flags:

URL: <http://files.luaforge.net/releases/coxpcall/coxpcall/Coxpcall1.13.0/coxpcall-1.13.0.tar.gz>

MD5: d3e0554dc426a7a24e372780b3dd5fe6

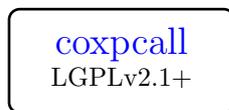


Figure 11.1: Dependency tree for coxpcall

12 dbus

Package: dbus 1.10.24

License: AFL-2.1, GPL-2.0+

Flags:

URL: <http://dbus.freedesktop.org/releases/dbus/dbus-1.10.24.tar.gz>

MD5: d548ae16f9a3268fe4650ccc86a3f06f

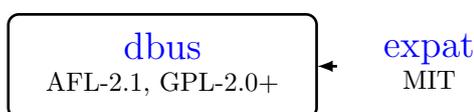


Figure 12.1: Dependency tree for dbus

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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13 dkjson

Package: dkjson 2.2

License: LGPLv2.1+

Flags:

URL: http://chiselapp.com/user/dhkolf/repository/dkjson/tarball/dkjson-2.2.tar.gz?uuid=release_2_2

MD5: 5c9131dd3b234565fdbafd01cfb2dd40



Figure 13.1: Dependency tree for dkjson

14 edgeaudioclient *** Proprietary License!

Package: edgeaudioclient v4.0-1810-g8ac0534

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

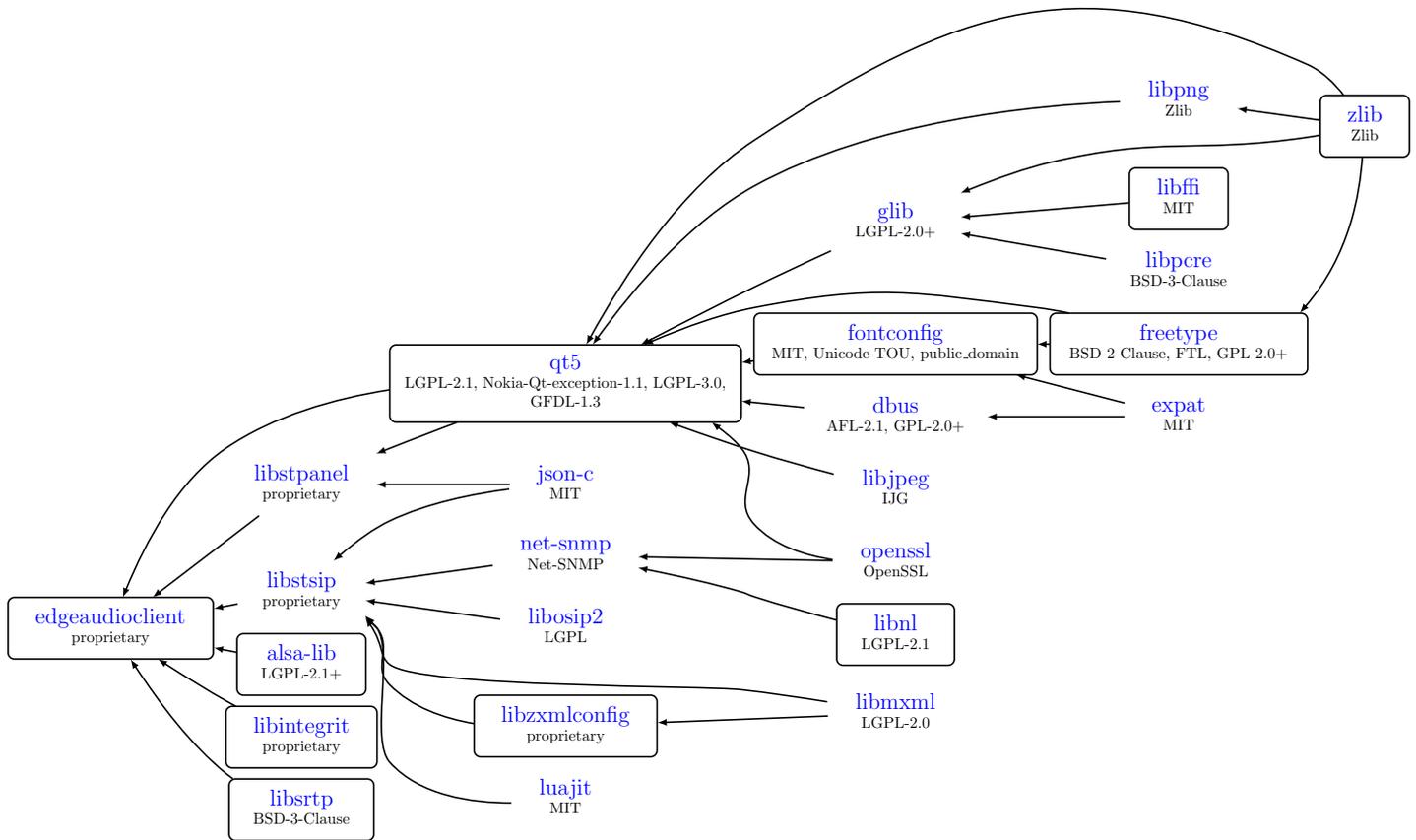


Figure 14.1: Dependency tree for edgeaudioclient

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15 edgegui *** Proprietary License!

Package: edgegui v2.1-192-g17dcd84

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

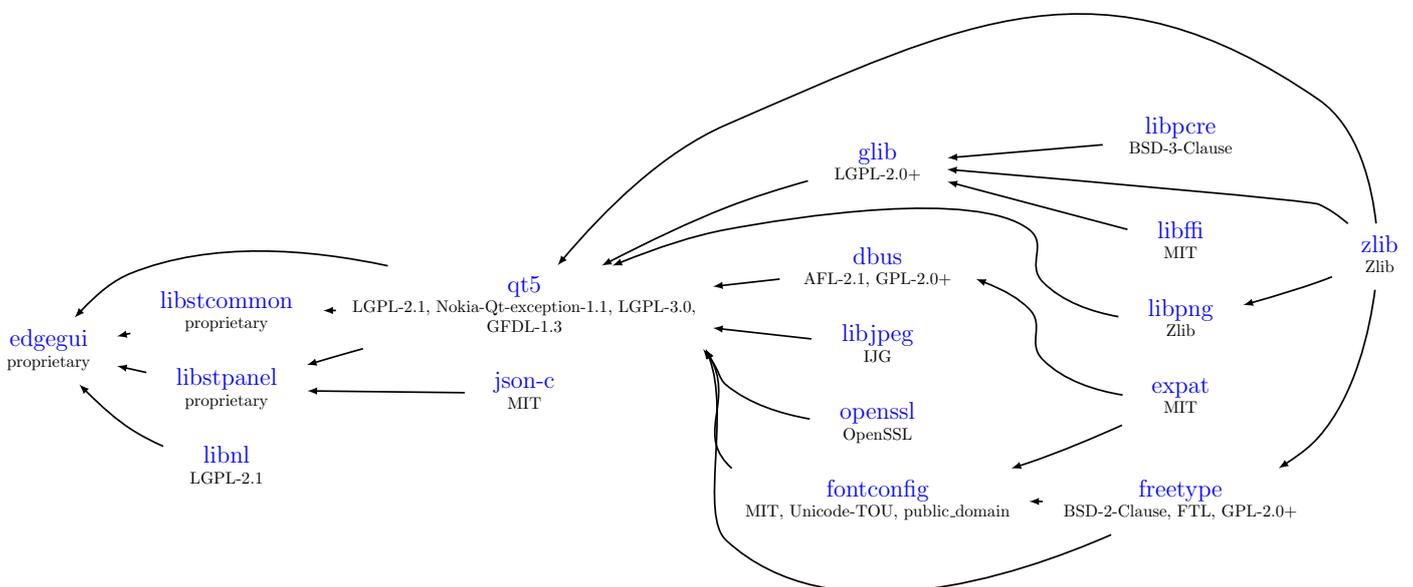


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16 ethtool

Package: ethtool 4.10

License: GPL-2.0

Flags:

URL: <https://www.kernel.org/pub/linux/./software/network/ethtool/ethtool-4.10.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/./software/network/ethtool/ethtool-4.10.tar.xz>
<http://mirror.linux.org.au/linux/./software/network/ethtool/ethtool-4.10.tar.xz>

MD5: e462579c12bcf306730600d571b0458c

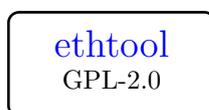


Figure 16.1: Dependency tree for ethtool

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```

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```
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```

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```
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'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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17 eventlog

Package: eventlog 0.2.12

License: BSD-3-Clause

Flags: [attribution](#)

URL: https://my.balabit.com/downloads/syslog-ng/sources/3.2.2/source/eventlog_0.2.12.tar.gz

MD5: f9c32814f78ea2629850f0440de5ff34



Figure 17.1: Dependency tree for eventlog

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18 evtest

Package: evtest 1.31

License: GPL-2.0

Flags:

URL: <http://www.pengutronix.de/software/ptxdist/temporary-src/evtest-1.31.tar.bz2>

MD5: 2f4814fd011eb21770040b27d5e68d46

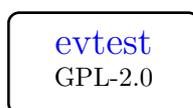


Figure 18.1: Dependency tree for evtest

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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19 expat

Package: expat 2.2.4

License: MIT

Flags: [attribution](#)

URL: <http://downloads.sourceforge.net/sourceforge/expat/expat-2.2.4.tar.bz2>

MD5: 6e3980aba29a224a9f478d88ac7ec207



Figure 19.1: Dependency tree for expat

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20 figlet

Package: figlet 2.2.5

License: figlet

Flags:

URL: <ftp://ftp.figlet.org/pub/figlet/program/unix/figlet-2.2.5.tar.gz>

MD5: d88cb33a14f1469fff975d021ae2858e



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Copyright (C) 2002 Christiaan Keet
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21 fontconfig

Package: fontconfig 2.12.5

License: MIT, Unicode-TOU, public_domain

Flags: [attribution](#)

URL: <http://fontconfig.org/release/fontconfig-2.12.5.tar.gz>

MD5: 7dedae852fd7c514fae0b9e58cdeb56e

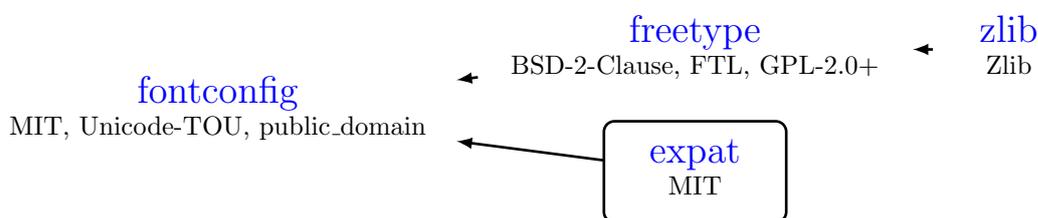


Figure 21.1: Dependency tree for fontconfig

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22 freetype

Package: freetype 2.8

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Flags: [attribution](#)

URL: <http://download.savannah.gnu.org/releases/freetype/freetype-2.8.tar.bz2>
<http://download.savannah.gnu.org/releases/freetype/freetype-old/freetype-2.8.tar.bz2>

MD5: 2413ac3eaf508ada019c63959ea81a92

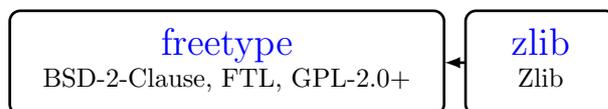


Figure 22.1: Dependency tree for freetype

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22.4 src_bdf_README

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23 gcclibs

Package: gcclibs 4.9.2

License: GPL-3.0

Flags:

URL:

MD5:

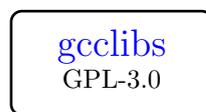


Figure 23.1: Dependency tree for gcclibs

24 glib

Package: glib 2.54.2

License: LGPL-2.0+

Flags:

URL: <http://ftp.gnome.org/pub/GNOME/sources/glib/2.54/glib-2.54.2.tar.xz>

MD5: 50f83e08f080f99b1e2f0ad2b760fb81

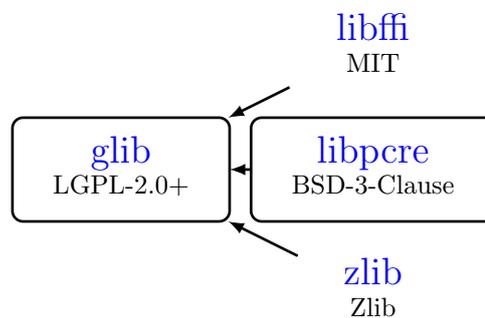


Figure 24.1: Dependency tree for glib

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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!

25 glibc

Package: glibc 2.20

License: GPL

Flags:

URL:

MD5:



Figure 25.1: Dependency tree for glibc

26 htop

Package: htop 2.0.2

License: GPL-2.0

Flags:

URL: <http://hisham.hm/htop/releases/2.0.2/htop-2.0.2.tar.gz>

MD5: 7d354d904bad591a931ad57e99fea84a

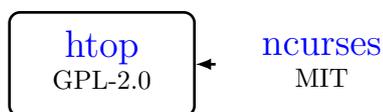


Figure 26.1: Dependency tree for htop

26.1 COPYING[automatically found]

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
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```

```
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```
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
```

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```
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'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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27 inotify-tools

Package: inotify-tools 3.13

License: GPL-2.0

Flags:

URL: <http://downloads.sourceforge.net/sourceforge/inotify-tools/inotify-tools-3.13.tar.gz>

MD5: 35d7178297390f18bae451e083362acf



Figure 27.1: Dependency tree for inotify-tools

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```

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```
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```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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28 iperf

Package: iperf 2.0.9

License: BSD

Flags:

URL: <http://downloads.sourceforge.net/sourceforge/iperf2/iperf-2.0.9.tar.gz>

MD5: 351b018b71176b8cb25f20eef6a9e37c



Figure 28.1: Dependency tree for iperf

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Iperf performance test
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Ajay Tirumala
Jim Ferguson
Jon Dugan
Feng Qin
Kevin Gibbs
John Estabrook
National Laboratory for Applied Network Research
National Center for Supercomputing Applications
University of Illinois at Urbana-Champaign
<http://www.ncsa.uiuc.edu>

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29 ipstconfig *** Proprietary License!

Package: ipstconfig v3.0-28-g924fe00

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 29.1: Dependency tree for ipstconfig

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30 ipstdiscovery *** Proprietary License!

Package: ipstdiscovery v3.0-58-g7c6842d

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 30.1: Dependency tree for ipstdiscovery

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31 ipstweb *** Proprietary License!

Package: ipstweb v2.1-1192-g593ecd6

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

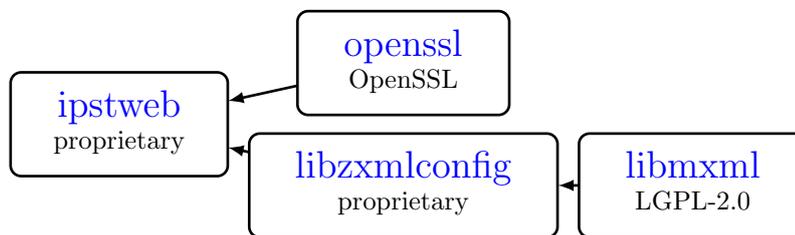


Figure 31.1: Dependency tree for ipstweb

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32 iptables

Package: iptables 1.6.1

License: GPL-2.0

Flags:

URL: <http://ftp.netfilter.org/pub/iptables/iptables-1.6.1.tar.bz2>

MD5: ab38a33806b6182c6f53d6afb4619add

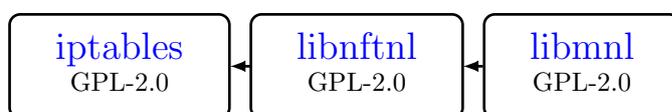


Figure 32.1: Dependency tree for iptables

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```
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```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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33 json-c

Package: json-c 0.12.1-20160607

License: MIT

Flags: [attribution](#)

URL: <https://github.com/json-c/json-c/archive/json-c-0.12.1-20160607.tar.gz>

MD5: 0a2a49a1e89044fdac414f984f3f81a6



Figure 33.1: Dependency tree for json-c

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34 kernel-header

Package: kernel-header 2.6.39

License: GPL-2.0

Flags:

URL: <https://www.kernel.org/pub/linux/kernel/v2.x/linux-2.6.39.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/kernel/v2.x/linux-2.6.39.tar.xz>
<http://mirror.linux.org.au/linux/kernel/v2.x/linux-2.6.39.tar.xz>
<https://www.kernel.org/pub/linux/kernel/v2.x/testing/linux-2.6.39.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/kernel/v2.x/testing/linux-2.6.39.tar.xz>
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<https://www.kernel.org/pub/linux/kernel/v2.x/testing/v2.6/linux-2.6.39.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/kernel/v2.x/testing/v2.6/linux-2.6.39.tar.xz>
<http://mirror.linux.org.au/linux/kernel/v2.x/testing/v2.6/linux-2.6.39.tar.xz>
<https://www.kernel.org/pub/linux/kernel/v2.x/longterm/v2.6/linux-2.6.39.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/kernel/v2.x/longterm/v2.6/linux-2.6.39.tar.xz>
<http://mirror.linux.org.au/linux/kernel/v2.x/longterm/v2.6/linux-2.6.39.tar.xz>
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<http://www.linux-mips.org/pub/linux/mips/kernel/v2.6/testing/v2.6.39/linux-2.6.39.tar.xz>
<http://mirror.linux.org.au/linux/kernel/v2.6/testing/v2.6.39/linux-2.6.39.tar.xz>
<https://www.kernel.org/pub/linux/kernel/v2.6/longterm/v2.6.39/linux-2.6.39.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/kernel/v2.6/longterm/v2.6.39/linux-2.6.39.tar.xz>
<http://mirror.linux.org.au/linux/kernel/v2.6/longterm/v2.6.39/linux-2.6.39.tar.xz>

MD5: 25cd73d797a49ad5b4119b67f1caf2cc



Figure 34.1: Dependency tree for kernel-header

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Ty Coon, President of Vice

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35 kernel_inus

Package: kernel_inus

License: GPL-2.0

Flags:

URL:

MD5:



Figure 35.1: Dependency tree for kernel_inus

36 libarchive

Package: libarchive 3.1.2

License: BSD-2-Clause AND BSD-3-Clause

Flags: [attribution](#)

URL: <http://www.libarchive.org/downloads/libarchive-3.1.2.tar.gz>

MD5: efad5a503f66329bb9d2f4308b5de98a



Figure 36.1: Dependency tree for libarchive

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37 libcap

Package: libcap 2.25

License: BSD-3-Clause, GPL-2.0

Flags: [attribution](#)

URL: <https://www.kernel.org/pub/linux/libs/security/linux-privs/libcap2/libcap-2.25.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/libs/security/linux-privs/libcap2/libcap-2.25.tar.xz>
<http://mirror.linux.org.au/linux/libs/security/linux-privs/libcap2/libcap-2.25.tar.xz>

MD5: 6666b839e5d46c2ad33fc8aa2ceb5f77

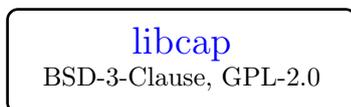


Figure 37.1: Dependency tree for libcap

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38 libdaemon

Package: libdaemon 0.14

License: LGPL-2.1+

Flags:

URL: <http://0pointer.de/lennart/projects/libdaemon/libdaemon-0.14.tar.gz>

MD5: 509dc27107c21bcd9fbf2f95f5669563



Figure 38.1: Dependency tree for libdaemon

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Version 2.1, February 1999

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```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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version 2.1 of the License, or (at your option) any later version.
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MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
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```
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```

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You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
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!

39 libevdev

Package: libevdev 1.2.2

License: MIT

Flags: [attribution](#)

URL: <http://www.freedesktop.org/software/libevdev/libevdev-1.2.2.tar.xz>

MD5: 7c1ee9c2069489b2a25dfde6f8e2ff6a



Figure 39.1: Dependency tree for libevdev

39.1 COPYING[automatically found]

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Copyright 2013 David Herrmann <dh.herrmann@gmail.com>

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The following license is from a Linux kernel header file and there is no GPL code this package links to.

Copyright (c) 1999-2002 Vojtech Pavlik

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation.

40 libffi

Package: libffi 3.2.1

License: MIT

Flags: [attribution](#)

URL: <http://ftp.gwdg.de/pub/linux/sources.redhat.com/libffi/libffi-3.2.1.tar.gz>
<ftp://sourceware.org/pub/libffi/libffi-3.2.1.tar.gz>

MD5: 83b89587607e3eb65c70d361f13bab43



Figure 40.1: Dependency tree for libffi

40.1 LICENSE[automatically found]

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41 libintegrit *** Proprietary License!

Package: libintegrit v2.1-54-g3e718ec

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 41.1: Dependency tree for libintegrit

41.1 ZENITEL_PROPRIETARY

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42 libjpeg

Package: libjpeg 9a

License: IJG

Flags:

URL: <http://ijg.org/files/jpegsrc.v9a.tar.gz>

MD5: 3353992aecaee1805ef4109aadd433e7



Figure 42.1: Dependency tree for libjpeg

42.1 README

The Independent JPEG Group's JPEG software

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README for release 9a of 19-Jan-2014

=====

This distribution contains the ninth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone, Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16).

DOCUMENTATION ROADMAP

=====

This file contains the following sections:

OVERVIEW	General description of JPEG and the IJG software.
LEGAL ISSUES	Copyright, lack of warranty, terms of distribution.
REFERENCES	Where to learn more about JPEG.
ARCHIVE LOCATIONS	Where to find newer versions of this software.

ACKNOWLEDGMENTS Special thanks.
 FILE FORMAT WARS Software **not** to get.
 TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.txt How to configure and install the IJG software.
 usage.txt Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wrjpgcom.
 *.1 Unix-style man pages for programs (same info as usage.txt).
 wizard.txt Advanced usage instructions for JPEG wizards only.
 change.log Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.txt How to use the JPEG library in your own programs.
 example.c Sample code for calling the JPEG library.
 structure.txt Overview of the JPEG library's internal structure.
 filelist.txt Road map of IJG files.
 coderules.txt Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

=====

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple

applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES

=====

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2. You can use this software for whatever you want. You don't have to pay us.
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We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

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

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

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

REFERENCES

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We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <http://www.ijg.org/files/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L.

Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2).

Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.

If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

IJG JPEG 8 introduced an implementation of the JPEG SmartScale extension which is specified in two documents: A contributed document at ITU and ISO with title "ITU-T JPEG-Plus Proposal for Extending ITU-T T.81 for Advanced Image Coding", April 2006, Geneva, Switzerland. The latest version of this document is Revision 3. And a contributed document ISO/IEC JTC1/SC29/WG1 N 5799 with title "Evolution of JPEG", June/July 2011, Berlin, Germany.

IJG JPEG 9 introduces a reversible color transform for improved lossless compression which is described in a contributed document ISO/IEC JTC1/SC29/WG1 N 6080 with title "JPEG 9 Lossless Coding", June/July 2012, Paris, France.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from

<http://www.ecma-international.org/publications/techreports/E-TR-098.htm>.

A PostScript version of the JFIF document is available at

<http://www.ijg.org/files/jfif.ps.gz>. There is also a plain text version at

<http://www.ijg.org/files/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems.

IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6).

Instead, we recommend the JPEG design proposed by TIFF Technical Note #2

(Compression tag 7). Copies of this Note can be obtained from

<http://www.ijg.org/files/>. It is expected that the next revision

of the TIFF spec will replace the 6.0 JPEG design with the Note's design.

Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS

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The "official" archive site for this software is www.ijg.org.

The most recent released version can always be found there in directory "files". This particular version will be archived as <http://www.ijg.org/files/jpegsrc.v9a.tar.gz>, and in Windows-compatible "zip" archive format as <http://www.ijg.org/files/jpegsr9a.zip>.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG.

It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/).

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1

send usenet/news.answers/jpeg-faq/part2

ACKNOWLEDGMENTS

=====

Thank to Juergen Bruder for providing me with a copy of the common DCT algorithm article, only to find out that I had come to the same result in a more direct and comprehensible way with a more generative approach.

Thank to Istvan Sebestyen and Joan L. Mitchell for inviting me to the ITU JPEG (Study Group 16) meeting in Geneva, Switzerland.

Thank to Thomas Wiegand and Gary Sullivan for inviting me to the Joint Video Team (MPEG & ITU) meeting in Geneva, Switzerland.

Thank to Thomas Richter and Daniel Lee for inviting me to the ISO/IEC JTC1/SC29/WG1 (previously known as JPEG, together with ITU-T SG16) meeting in Berlin, Germany.

Thank to John Korejwa and Massimo Ballerini for inviting me to fruitful consultations in Boston, MA and Milan, Italy.

Thank to Hendrik Elstner, Roland Fassauer, Simone Zuck, Guenther Maier-Gerber, Walter Stoeber, Fred Schmitz, and Norbert Braunagel for corresponding business development.

Thank to Nico Zschach and Dirk Stelling of the technical support team at the Digital Images company in Halle for providing me with extra equipment for configuration tests.

Thank to Richard F. Lyon (then of Foveon Inc.) for fruitful communication about JPEG configuration in Sigma Photo Pro software.

Thank to Andrew Finkenstadt for hosting the [ijg.org](http://www.ijg.org) site.

Last but not least special thank to Thomas G. Lane for the original design and development of this singular software package.

FILE FORMAT WARS

=====

The ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies. IJG therefore does not and will not support such momentary mistakes (see REFERENCES).

There exist also distributions under the name "OpenJPEG" promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files.

Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

The ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the maintenance of the original JPEG specification. Furthermore, the ISO committee pretends to "ensure interoperability" with their standards which is not true because their "standards" support only application-specific and proprietary use cases and contain mathematically incorrect code.

There are currently different distributions in circulation containing the name "libjpeg" which is misleading because they don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions. One of those fakes is released by members of the ISO committee and just uses the name of libjpeg for misdirection of people, similar to the abuse of the name JPEG as described above, while having nothing in common with actual IJG libjpeg distributions and containing mathematically incorrect code.

The other one claims to be a "derivative" or "fork" of the original libjpeg, but violates the license conditions as described under LEGAL ISSUES above and violates basic C programming properties.

We have no sympathy for the release of misleading, incorrect and illegal distributions derived from obsolete code bases.

Don't use an obsolete code base!

According to the UCC (Uniform Commercial Code) law, IJG has the lawful and legal right to foreclose on certain standardization bodies and other institutions or corporations that knowingly perform substantial and systematic deceptive acts and practices, fraud, theft, and damaging of the value of the people of this planet without their knowing, willing and intentional consent.

The titles, ownership, and rights of these institutions and all their assets are now duly secured and held in trust for the free people of this planet. People of the planet, on every country, may have a financial interest in the assets of these former principals, agents, and beneficiaries of the foreclosed institutions and corporations.

IJG asserts what is: that each man, woman, and child has unalienable value and rights granted and deposited in them by the Creator and not any one of the people is subordinate to any artificial principality, corporate fiction or the special interest of another without their appropriate knowing, willing and intentional consent made by contract or accommodation agreement. IJG expresses that which already was.

The people have already determined and demanded that public administration

entities, national governments, and their supporting judicial systems must be fully transparent, accountable, and liable.

IJG has secured the value for all concerned free people of the planet.

A partial list of foreclosed institutions and corporations ("Hall of Shame") is currently prepared and will be published later.

TO DO

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Version 9 is the second release of a new generation JPEG standard to overcome the limitations of the original JPEG specification, and is the first true source reference JPEG codec.

More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

43 libkmod

Package: libkmod 24

License: GPL-2.0, LGPL-2.0

Flags:

URL: <https://www.kernel.org/pub/linux/utils/kernel/kmod/kmod-24.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/utils/kernel/kmod/kmod-24.tar.xz>
<http://mirror.linux.org.au/linux/utils/kernel/kmod/kmod-24.tar.xz>

MD5: 08297dfb6f2b3f625f928ca3278528af



Figure 43.1: Dependency tree for libkmod

43.1 tools_COPYING

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Version 2, June 1991

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```

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

That's all there is to it!

44 libltdl

Package: libltdl 2.4.3

License: LGPL-2.0+

Flags:

URL: <http://ftp.uni-kl.de/pub/gnu/libtool/libtool-2.4.3.tar.gz>

MD5: ec4dabd3bc580dc188197d4d5eb95fe3

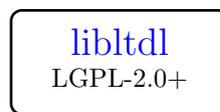


Figure 44.1: Dependency tree for libltdl

44.1 libltdl_COPYING.LIB

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Version 2.1, February 1999

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

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45 libluadaemon

Package: libluadaemon 1.0.0

License: MIT

Flags: [attribution](#)

URL: <http://10.8.1.249/src/luadaemon-1.0.0.tar.gz>

MD5: 8cf5b764611d8ee8eeda856c73702e17



Figure 45.1: Dependency tree for libluadaemon

45.1 COPYING[automatically found]

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46 libluaposix

Package: libluaposix 33.4.0

License: MIT

Flags: [attribution](#)

URL: <https://github.com/luaposix/luaposix/archive/release-v33.4.0.tar.gz>

MD5: b36ff049095f28752caeb0b46144516c



Figure 46.1: Dependency tree for libluaposix

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47 libluasec

Package: libluasec 0.6

License: MIT

Flags: [attribution](#)

URL: <https://github.com/brunoos/luasec/archive/luasec-0.6.tar.gz>

MD5: 14e1aef6d2aae96bbf98afc6b6634af2



Figure 47.1: Dependency tree for libluasec

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LuaSec 0.6 license

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48 libluasocket

Package: libluasocket 3.0-rc1

License: MIT

Flags: [attribution](#)

URL: <https://github.com/diegonehab/luasocket/archive/v3.0-rc1.tar.gz>

MD5: 08bd2f265b244eb4bf5c2c36bf89b759

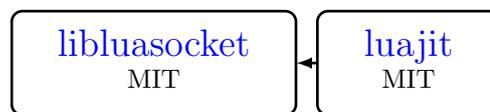


Figure 48.1: Dependency tree for libluasocket

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49 liblzo

Package: liblzo 2.08

License: GPL-2.0+

Flags:

URL: <http://www.oberhumer.com/opensource/lzo/download/lzo-2.08.tar.gz>

MD5: fcec64c26a0f4f4901468f360029678f

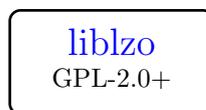


Figure 49.1: Dependency tree for liblzo

49.1 COPYING[automatically found]

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Ty Coon, President of Vice
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50 libmnl

Package: libmnl 1.0.4

License: GPL-2.0

Flags:

URL: <http://ftp.netfilter.org/pub/libmnl/libmnl-1.0.4.tar.bz2>

MD5: be9b4b5328c6da1bda565ac5dffadb2d



Figure 50.1: Dependency tree for libmnl

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Version 2.1, February 1999

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```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
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```

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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!

51 libxml

Package: libxml 2.12

License: LGPL-2.0

Flags:

URL: <https://github.com/michaelsweet/mxml/releases/download/v2.12/mxml-2.12.tar.gz>

MD5: 35F8416EE2D27CEAB653EA2FF64C794C



Figure 51.1: Dependency tree for libxml

51.1 COPYING[automatically found]

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September 18, 2010

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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
```

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52 libnftnl

Package: libnftnl 1.0.6

License: GPL-2.0

Flags:

URL: <http://ftp.netfilter.org/pub/libnftnl/libnftnl-1.0.6.tar.bz2>

MD5: 6d7f9f161538ca7efd535dcc70caf964

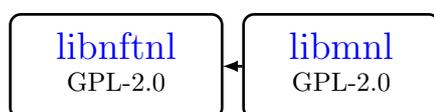


Figure 52.1: Dependency tree for libnftnl

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This is free software, and you are welcome to redistribute it
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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53 libnl

Package: libnl 1.1

License: LGPL-2.1

Flags:

URL: <http://people.suug.ch/tgr/libnl/files/libnl-1.1.tar.gz>

MD5: ae970ccd9144e132b68664f98e7ceeb1

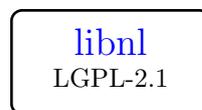


Figure 53.1: Dependency tree for libnl

53.1 COPYING[automatically found]

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54 libnl3

Package: libnl3 3.4.0

License: GPL-2.0

Flags:

URL: https://github.com/thom311/libnl/releases/download/libnl3_4.0/libnl-3.4.0.tar.gz

MD5: 8f71910c03db363b41e2ea62057a4311

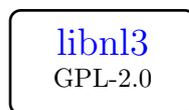


Figure 54.1: Dependency tree for libnl3

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Version 2.1, February 1999

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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.)

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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.)

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```

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

That's all there is to it!

55 libosip2

Package: libosip2 3.6.0

License: LGPL

Flags:

URL: <http://ftp.gnu.org/gnu/osip/libosip2-3.6.0.tar.gz>

MD5: 92fd1c1698235a798497887db159c9b3



Figure 55.1: Dependency tree for libosip2

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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.)

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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.)

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Package: libpcap 1.8.1

License: BSD-3-Clause

Flags: [attribution](#)

URL: <http://www.tcpdump.org/release/libpcap-1.8.1.tar.gz>

MD5: 3d48f9cd171ff12b0efd9134b52f1447

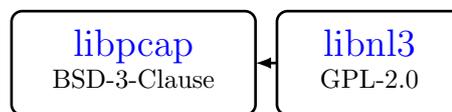


Figure 56.1: Dependency tree for libpcap

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57 libpcre

Package: libpcre 8.40

License: BSD-3-Clause

Flags: [attribution](#)

URL: <http://downloads.sourceforge.net/sourceforge/pcre/pcre-8.40.tar.bz2>

MD5: 41a842bf7dcecd6634219336e2167d1d

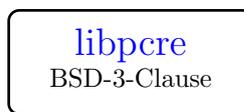


Figure 57.1: Dependency tree for libpcre

57.1 LICENCE

PCRE LICENCE

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,
Cambridge, England.

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PCRE JUST-IN-TIME COMPILATION SUPPORT

Written by: Zoltan Herczeg
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End

58 libpng

Package: libpng 1.6.34

License: Zlib

Flags:

URL: <http://downloads.sourceforge.net/sourceforge/libpng/libpng-1.6.34.tar.xz>

MD5: c05b6ca7190a5e387b78657dbe5536b2

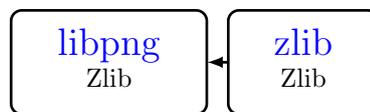


Figure 58.1: Dependency tree for libpng

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Glenn Randers-Pehrson
glennrp at users.sourceforge.net
September 29, 2017

59 libpopt

Package: libpopt 1.16

License: MIT

Flags: [attribution](#)

URL: <http://rpm5.org/files/popt/popt-1.16.tar.gz>

MD5: 3743beefa3dd6247a73f8f7a32c14c33



Figure 59.1: Dependency tree for libpopt

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60 libsrtp

Package: libsrtp v2.1.0

License: BSD-3-Clause

Flags: [attribution](#)

URL: <https://github.com/cisco/libsrtp/archive/v2.1.0.tar.gz>

MD5: 49e2b9973c6fe77de46100e4c9547426



Figure 60.1: Dependency tree for libsrtp

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*/

61 libstcommon *** Proprietary License!

Package: libstcommon v3.0-25-g32e403b

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

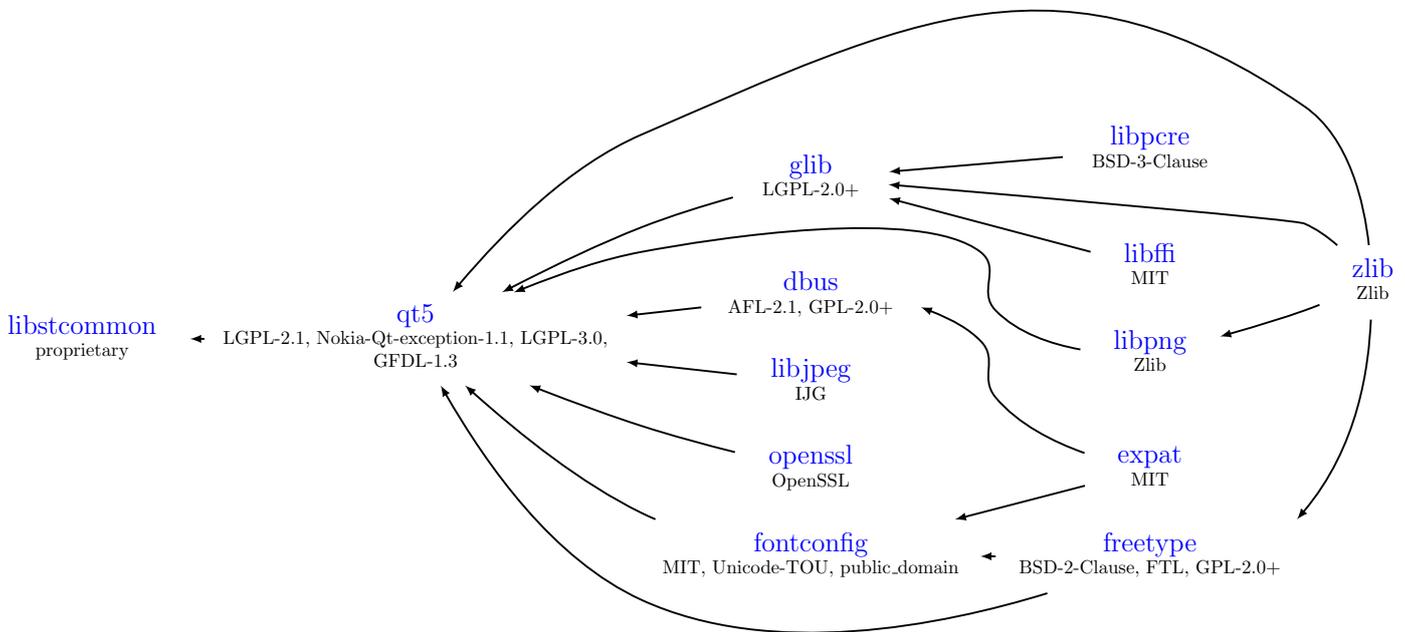


Figure 61.1: Dependency tree for libstcommon

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62 libstpanel *** Proprietary License!

Package: libstpanel v2.1-242-g218d506

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

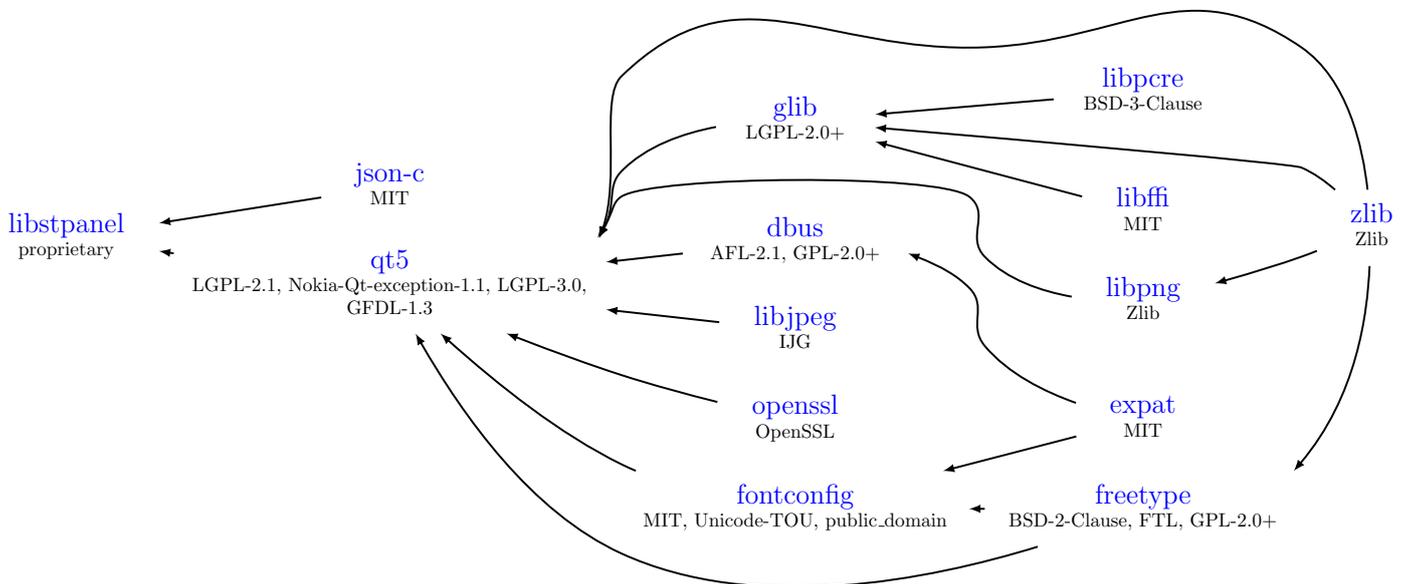


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Package: libstsip v3.0-712-ga9b5a7a

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Flags: nosource nopatches

URL: *not available*

MD5: *not available*

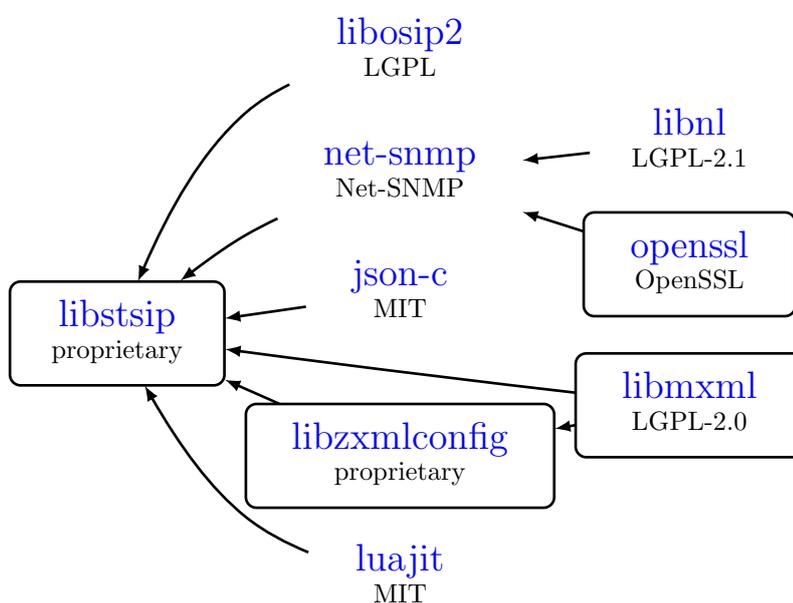


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64 libxkbcommon

Package: libxkbcommon 0.7.1

License: MIT, X11, HPND

Flags: [attribution](#)

URL: <http://xkbcommon.org/download/libxkbcommon-0.7.1.tar.xz>

MD5: 947ba609cb0239b9462127d5cf8908ee



Figure 64.1: Dependency tree for libxkbcommon

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65 libxml2

Package: libxml2 2.9.4

License: MIT

Flags: [attribution](#)

URL: <ftp://xmlsoft.org/libxml2/libxml2-2.9.4.tar.gz>
<ftp://xmlsoft.org/libxml2/old/libxml2-2.9.4.tar.gz>

MD5: ae249165c173b1ff386ee8ad676815f5



Figure 65.1: Dependency tree for libxml2

65.1 COPYING[automatically found]

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66 libxslt

Package: libxslt 1.1.28

License: MIT

Flags: [attribution](#)

URL: <ftp://xmlsoft.org/libxslt/libxslt-1.1.28.tar.gz>
<ftp://xmlsoft.org/libxslt/old/libxslt-1.1.28.tar.gz>

MD5: 9667bf6f9310b957254fdcf6596600b7

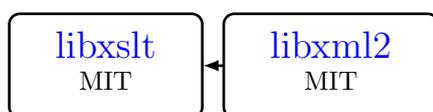


Figure 66.1: Dependency tree for libxslt

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67 libxmlconfig *** Proprietary License!

Package: libxmlconfig v3.0-27-ge28ee43

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

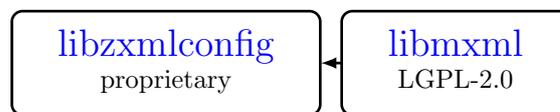


Figure 67.1: Dependency tree for libxmlconfig

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68 logrotate

Package: logrotate 3.9.1

License: GPL-2.0

Flags:

URL: <http://downloads.yoctoproject.org/mirror/sources/logrotate-3.9.1.tar.gz>

MD5: 4492b145b6d542e4a2f41e77fa199ab0

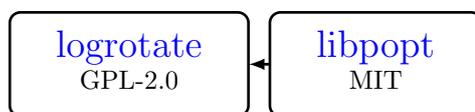


Figure 68.1: Dependency tree for logrotate

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This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
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Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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69 luacopas

Package: luacopas 2.0.2

License: LGPLv2.1+

Flags:

URL: https://github.com/keplerproject/copas/archive/v2_0_2.tar.gz

MD5: c07a2111ae620e87ace2d63b227b8dcc

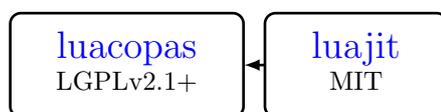


Figure 69.1: Dependency tree for luacopas

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70 luacrc32

Package: luacrc32 1.0-1

License: MIT

Flags: [attribution](#)

URL: <http://10.8.1.249/src/luacrc32-1.0-1.tar.gz>

MD5: 5f36cbb93775efb514c8bd5a0f2b9563

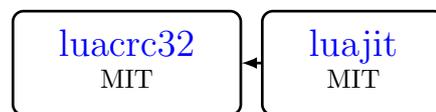


Figure 70.1: Dependency tree for luacrc32

71 luajit

Package: luajit 2.0.5

License: MIT

Flags: [attribution](#)

URL: <http://luajit.org/download/LuaJIT-2.0.5.tar.gz>

MD5: 48353202cbcacab84ee41a5a70ea0a2c



Figure 71.1: Dependency tree for luajit

72 media *** Proprietary License!

Package: media v2.0-2-gde603d8

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

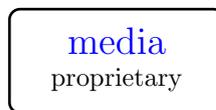


Figure 72.1: Dependency tree for media

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73 memedit

Package: memedit 0.9

License: GPL-2.0

Flags:

URL: <http://www.pengutronix.de/software/memedit/downloads/memedit-0.9.tar.gz>

MD5: fd8eb827c3072baf8678d9d33e5d6458

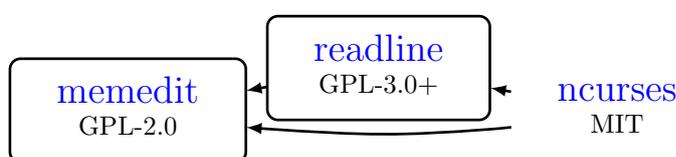


Figure 73.1: Dependency tree for memedit

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```
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```

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```
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```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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74 memstat

Package: memstat 0.8

License: GPL-1.0

Flags:

URL:

http://snapshot.debian.org/archive/debian/20090608T162846Z/pool/main/m/memstat/memstat_0.8.tar.gz

MD5: 8ba8c468a414dc1e7d38ea1eb832cf8c



Figure 74.1: Dependency tree for memstat

75 mii-diag

Package: mii-diag 2.11

License: GPL

Flags:

URL: http://ftp.uni-kl.de/debian/pool/main/m/mii-diag/mii-diag_2.11.orig.tar.gz

MD5: 2c0cc0cd29c80f86921e6f300709bf81



Figure 75.1: Dependency tree for mii-diag

76 modules

Package: modules 1.1.0

License: GPL-2.0

Flags:

URL:

MD5:

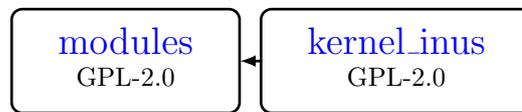


Figure 76.1: Dependency tree for modules

77 mstpd *** Proprietary License!

Package: mstpd v2.0-1-ge7d0401

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 77.1: Dependency tree for mstpd

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78 mtd-utils

Package: mtd-utils 2.0.2

License: GPL-2.0-or-later

Flags:

URL: <ftp://ftp.infradead.org/pub/mtd-utils/mtd-utils-2.0.2.tar.bz2>

MD5: 3f05981551e73f1c6de28b2ea4edec7c

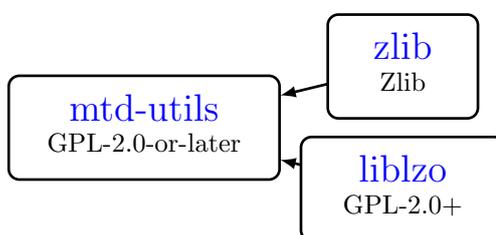


Figure 78.1: Dependency tree for mtd-utils

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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Package: nano 2.8.4

License: GPL-3.0+

Flags:

URL: <https://www.nano-editor.org/dist/v2.8/nano-2.8.4.tar.gz>

MD5: e2a6bfc054d1f535b723f93eb73e5f77

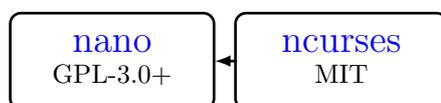


Figure 79.1: Dependency tree for nano

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80 ncurses

Package: ncurses 5.9

License: MIT

Flags: [attribution](#)

URL: <http://ftp.uni-kl.de/pub/gnu/ncurses/ncurses-5.9.tar.gz>

MD5: 8cb9c412e5f2d96bc6f459aa8c6282a1



Figure 80.1: Dependency tree for ncurses

80.1 include_curses.h.in

```
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81 ndisc6

Package: ndisc6 1.0.3

License: GPL-2.0

Flags:

URL: <https://www.remlab.net/files/ndisc6/ndisc6-1.0.3.tar.bz2>

MD5: 21afdaa3a5a5c1ce50eb7f2b7d795989

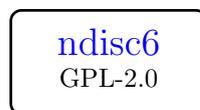


Figure 81.1: Dependency tree for ndisc6

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Package: net-snmp 5.7.3

License: Net-SNMP

Flags:

URL: <http://downloads.sourceforge.net/sourceforge/net-snmp/net-snmp-5.7.3.tar.gz>

MD5: d4a3459e1577d0efa8d96ca70a885e53

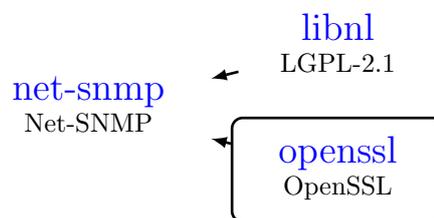


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83 ntp

Package: ntp 4.2.8p13

License: ntp

Flags:

URL: http://www.eecis.udel.edu/ntp/ntp_spool/ntp4/ntp-4.2/ntp-4.2.8p13.tar.gz

MD5: ea040ab9b4ca656b5229b89d6b822f13

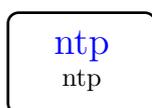


Figure 83.1: Dependency tree for ntp

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6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
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8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver,
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25. [26]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
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29. [32]Johannes Maximilian Kuehn <kuehn@ntp.org> Rewrote snTP to comply with NTPv4 specification, ntpq saveconfig
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34. [37]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
35. [38]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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41. [44]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
42. [45]Derek Mulcahy <derek@toybox.demon.co.uk> and [46]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
43. [47]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
44. [48]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
45. [49]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
46. [50]Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
47. [51]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
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50. [54]Michael Shields <shields@tembel.org> USNO clock driver
51. [55]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
52. [56]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure
makeover, various other bits (see the ChangeLog)
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57. [61]Loganaden Velvindron <loganaden@gmail.com> Sandboxing
(libseccomp) support
58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic
TrueTime clock driver
59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and
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Package: onvif v1.1-112-ga86cadd

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

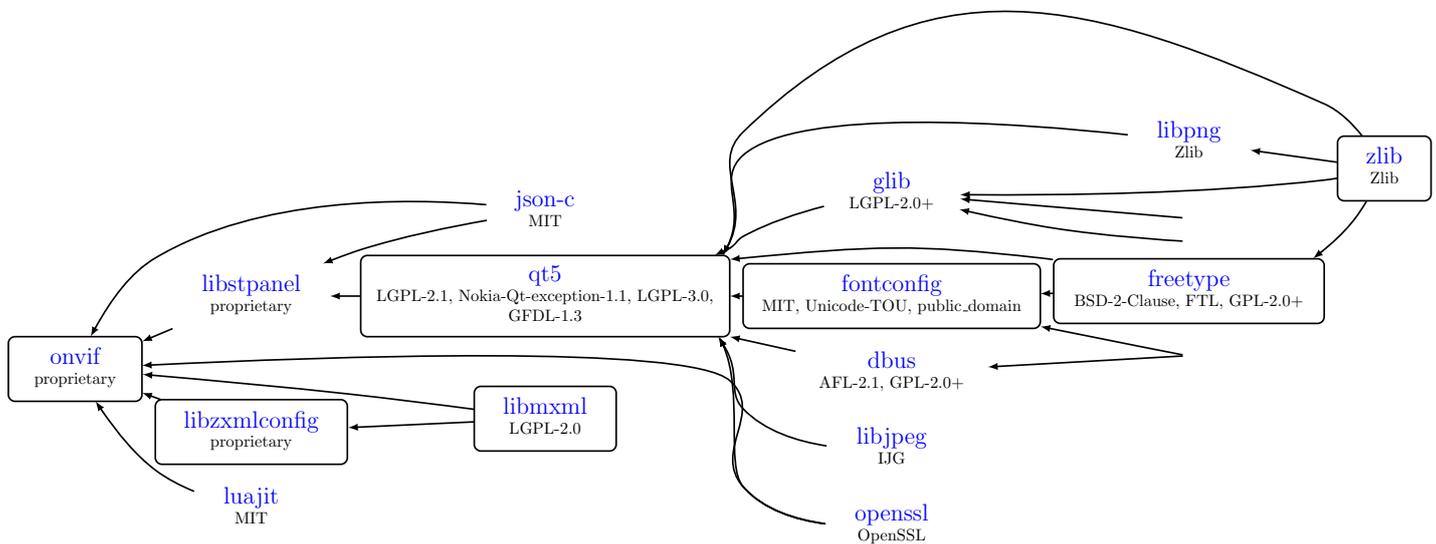


Figure 84.1: Dependency tree for onvif

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85 openssh

Package: openssh 7.6p1

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Flags: [attribution](#)

URL: <https://ftp.halifax.rwth-aachen.de/openssh/Portable/openssh-7.6p1.tar.gz>
<https://mirror.hs-esslingen.de/pub/OpenBSD/OpenSSH/portable/openssh-7.6p1.tar.gz>

MD5: 06a88699018e5fef13d4655abfed1f63

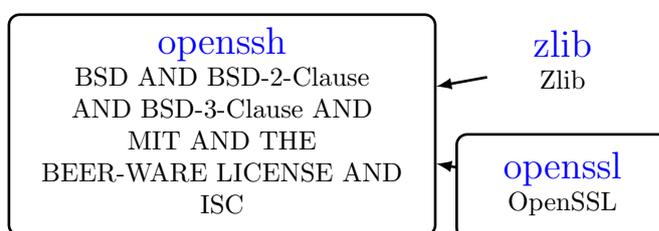


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```
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*
* Optimised ANSI C code for the Rijndael cipher (now AES)
*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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86 openssl

Package: openssl 1.0.2m

License: OpenSSL

Flags:

URL: <http://www.openssl.org/source/openssl-1.0.2m.tar.gz>
<http://www.openssl.org/source/old/1.0.2/openssl-1.0.2m.tar.gz>

MD5: 10e9e37f492094b9ef296f68f24a7666



Figure 86.1: Dependency tree for openssl

86.1 LICENSE[automatically found]

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87 opkg

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License: GPL-2.0+

Flags:

URL: <http://downloads.yoctoproject.org/releases/opkg/opkg-0.3.5.tar.gz>

MD5: d202d09ea0932943071b842626cab13c

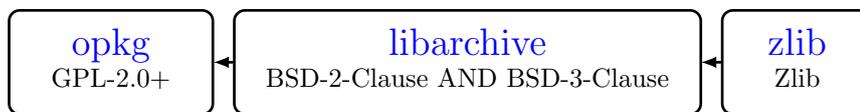


Figure 87.1: Dependency tree for opkg

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```
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```

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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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88 pamon *** Proprietary License!

Package: pamon v2.1-133-g55af9d0

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

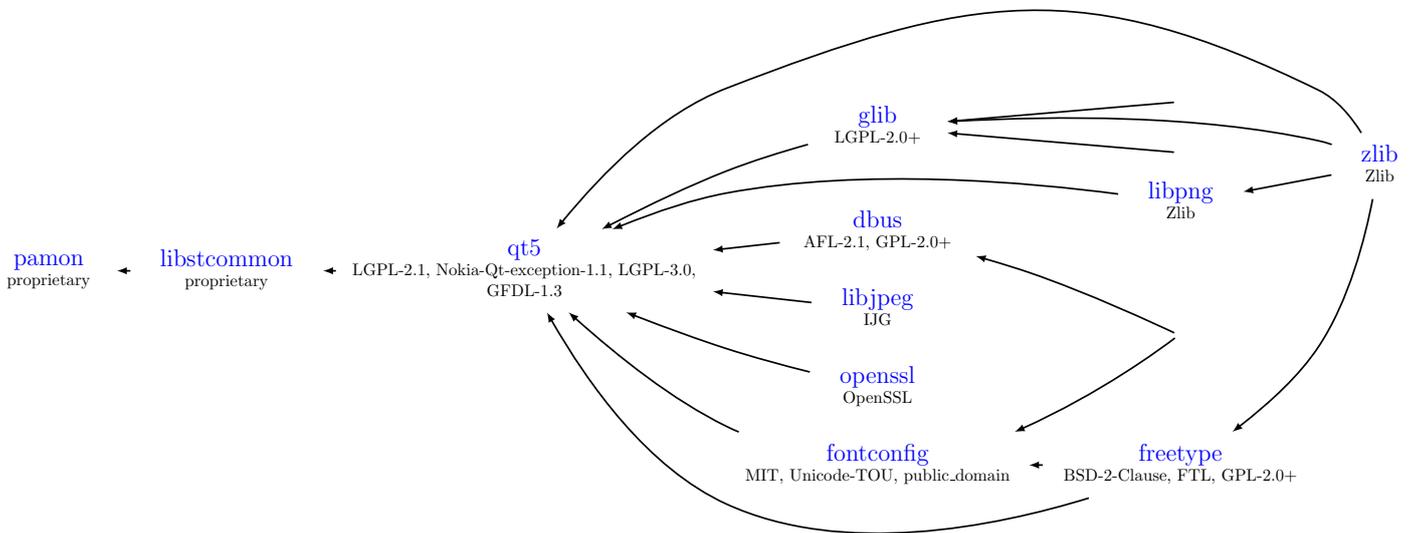


Figure 88.1: Dependency tree for pamon

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89 paui *** Proprietary License!

Package: paui v2.1-49-g9d2c881

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

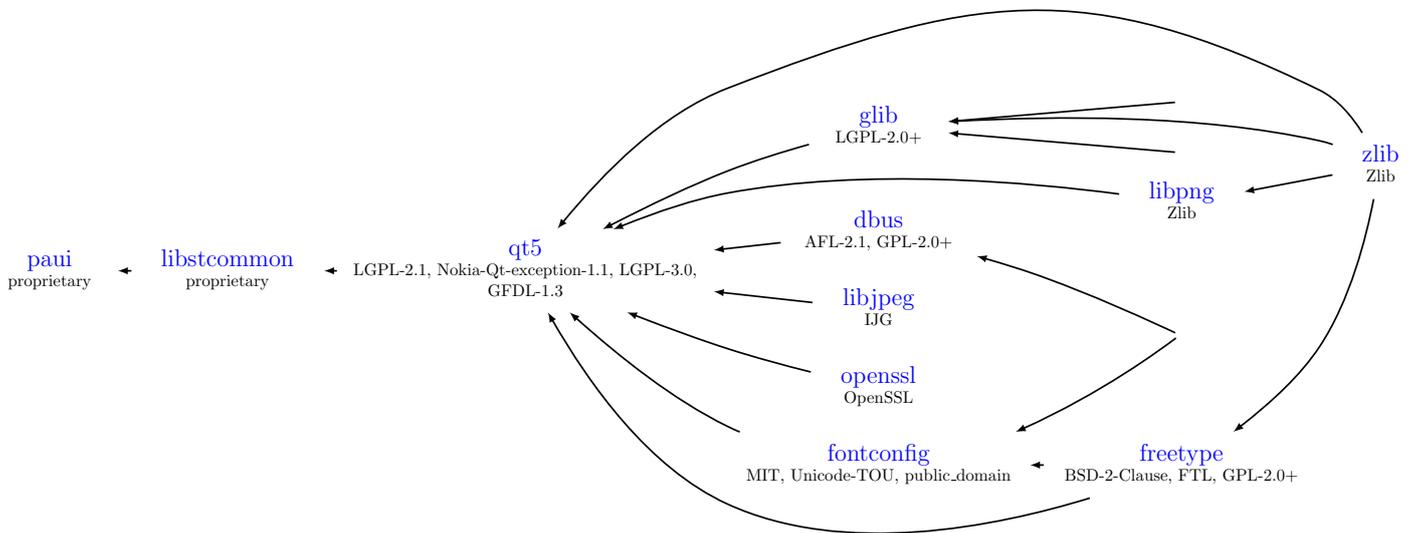


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90 procps

Package: procps 3.3.12

License: GPL-2.0 AND LGPL-2.0

Flags:

URL: <http://downloads.sourceforge.net/sourceforge/procps-ng/Production/procps-ng-3.3.12.tar.xz>

MD5: 957e42e8b193490b2111252e4a2b443c

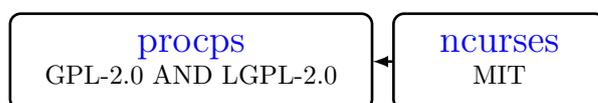


Figure 90.1: Dependency tree for procps

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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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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- 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.
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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.

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92 readline

Package: readline 7.0

License: GPL-3.0+

Flags:

URL: <http://ftp.uni-kl.de/pub/gnu/readline/readline-7.0.tar.gz>

MD5: 205b03a87fc83dab653b628c59b9fc91

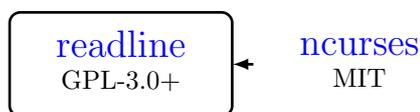


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```
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```

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93 rootfs-st *** Proprietary License!

Package: rootfs-st 1.0.0

License: proprietary

Flags: [nosource](#) [nopatches](#)

URL: *not available*

MD5: *not available*

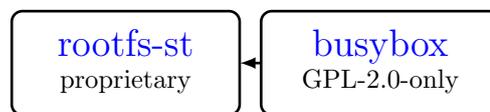


Figure 93.1: Dependency tree for rootfs-st

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94 sox

Package: sox 14.3.2

License: GPLv2+, LGPLv2.1+

Flags:

URL: <http://sourceforge.net/projects/sox/files/sox/14.3.2/sox-14.3.2.tar.bz2>

MD5: f6e1999b05d9b0cc9bb47ce8d3208dee

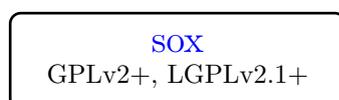


Figure 94.1: Dependency tree for sox

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

Package: strace 4.18

License: BSD-3-Clause

Flags: [attribution](#)

URL: <http://downloads.sourceforge.net/sourceforge/strace/strace-4.18.tar.xz>

MD5: 3579b3266bb096cebaefbe2cdb1a3a78

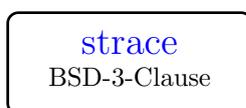


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96 syslogng

Package: syslogng 3.7.3

License: GPL-2.0+, LGPL-2.1

Flags:

URL: <https://github.com/balabit/syslog-ng/releases/download/syslog-ng-3.7.3/syslog-ng-3.7.3.tar.gz>

MD5: 803d61a713d6d41a973942d417fec999

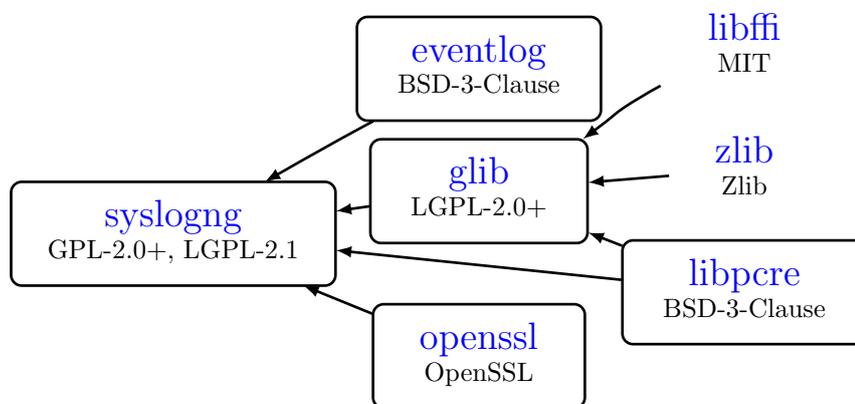


Figure 96.1: Dependency tree for syslogng

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FAQ:

====

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Q: Is it possible to create derived works of syslog-ng under the GPL/LGPL licenses?

A: Yes, that's exactly the point of open source. Works derived from the plugins will have to use the GPL license, but you can choose to use LGPL for them as well.

Q: Do I need to sign a Contributory License Agreement in order for my contribution to be accepted?

A: No, starting with syslog-ng 3.2, you don't need to sign a CLA in order to have your contributions accepted.

Q: Is it possible to create non-free plugins for syslog-ng?

A: Yes. It is our understanding that plugins are derived works of the syslog-ng core but not derived works of other plugins. Thus, non-free plugins are possible, provided they do not link to any of the GPLd plugins explicitly and the only connection between two plugins is via the syslog-ng core.

Q: Who is permitted to create non-free plugins for syslog-ng? Is it just BalaBit (the current copyright holder as of the initial 3.2 release)?

A: No, everyone including BalaBit.

97 sysmon *** Proprietary License!

Package: sysmon v2.1-69-g42d3b00

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

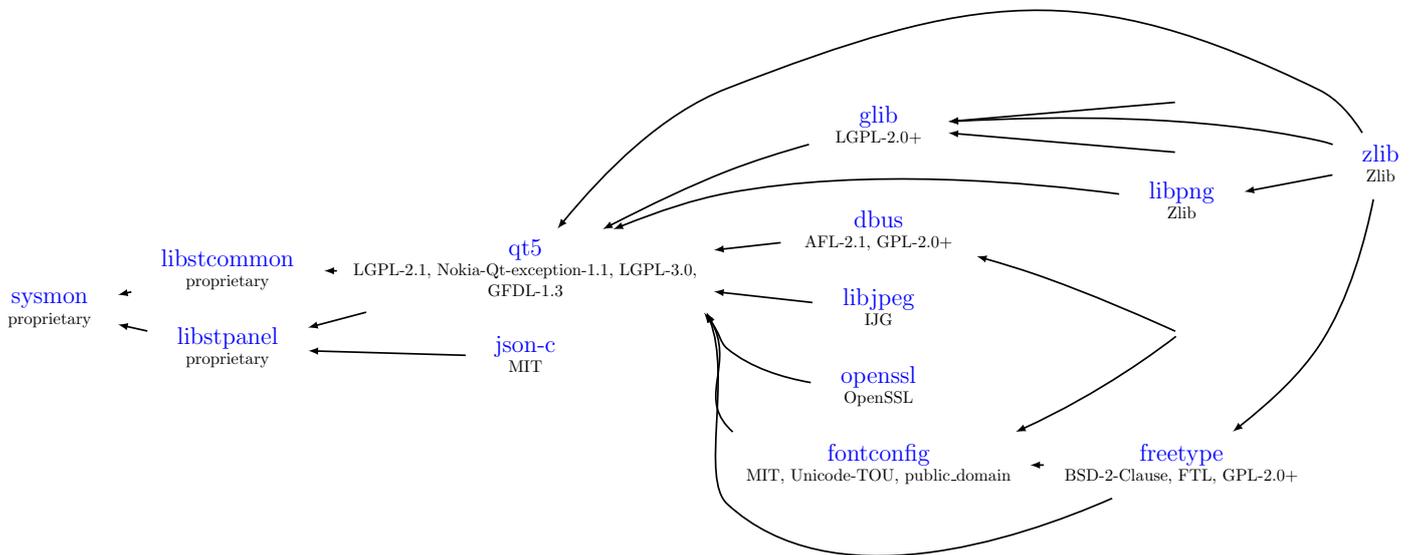


Figure 97.1: Dependency tree for sysmon

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98 tcpdump

Package: tcpdump 4.9.2

License: BSD-3-Clause

Flags: [attribution](#)

URL: <http://www.tcpdump.org/release/tcpdump-4.9.2.tar.gz>

MD5: 9bbc1ee33dab61302411b02dd0515576



Figure 98.1: Dependency tree for tcpdump

98.1 LICENSE[automatically found]

License: BSD

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99 timezone

Package: timezone 1.0

License: public_domain

Flags:

URL:

MD5:



Figure 99.1: Dependency tree for timezone

100 udev-legacy

Package: udev-legacy 182

License: GPL-2.0

Flags:

URL: <https://www.kernel.org/pub/linux/utils/kernel/hotplug/udev-182.tar.bz2>
<http://www.linux-mips.org/pub/linux/mips/utils/kernel/hotplug/udev-182.tar.bz2>
<http://mirror.linux.org.au/linux/utils/kernel/hotplug/udev-182.tar.bz2>

MD5: e31c83159b017e8ab0fa2f4bca758a41

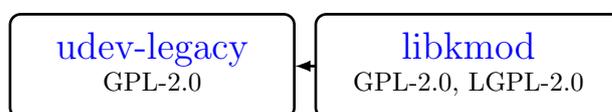


Figure 100.1: Dependency tree for udev-legacy

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This is free software, and you are welcome to redistribute it
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'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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101 umconfig *** Proprietary License!

Package: umconfig 1.0.0

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 101.1: Dependency tree for umconfig

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102 util-linux-ng

Package: util-linux-ng 2.30.2

License: GPL-2.0, GPL-2.0+, GPL-3.0+, LGPL-2.0+, BSD-3-Clause, BSD-4-Clause, public_domain

Flags: [attribution](#)

URL: <https://www.kernel.org/pub/linux/utils/util-linux/v2.30/util-linux-2.30.2.tar.xz>
<http://www.linux-mips.org/pub/linux/mips/utils/util-linux/v2.30/util-linux-2.30.2.tar.xz>
<http://mirror.linux.org.au/linux/utils/util-linux/v2.30/util-linux-2.30.2.tar.xz>

MD5: 23a5dce0030144a42676b92310026bac

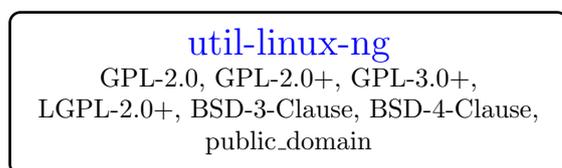


Figure 102.1: Dependency tree for util-linux-ng

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Version 2.1, February 1999

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```

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

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103 utilities *** Proprietary License!

Package: utilities v2.1-15-g0e45268

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 103.1: Dependency tree for utilities

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104 video *** Proprietary License!

Package: video v3.0-22-g63582c6

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 104.1: Dependency tree for video

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Package: vssnmp 1.0.0

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

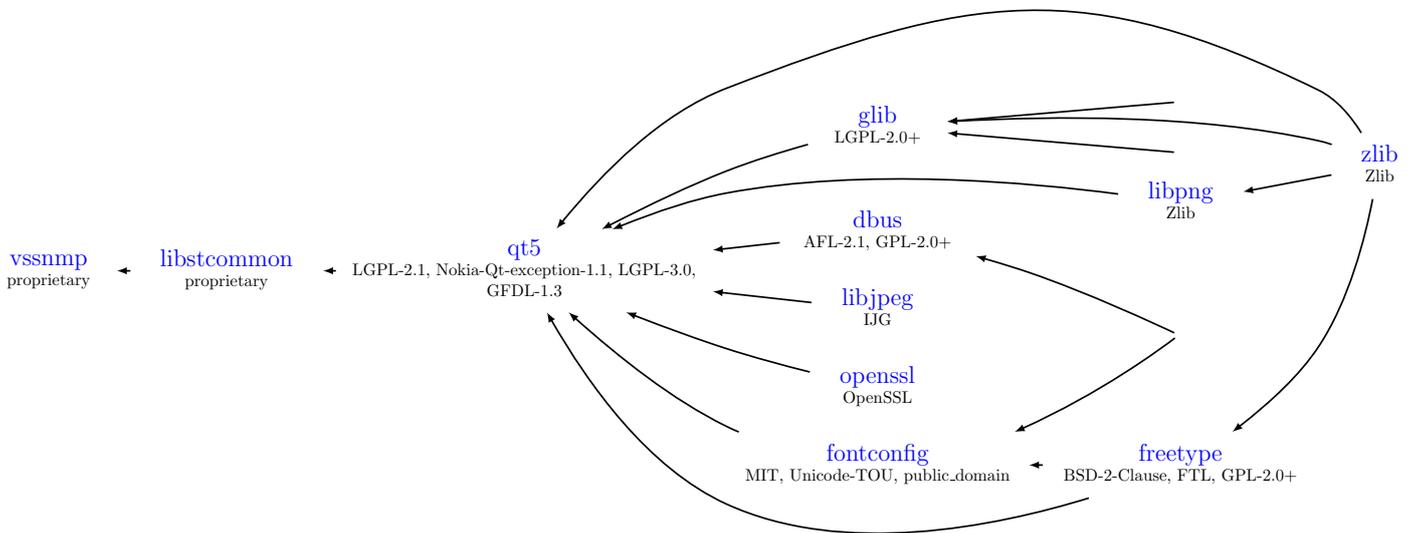


Figure 105.1: Dependency tree for vssnmp

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106 watchdog

Package: watchdog 5.15

License: GPL-2.0

Flags:

URL: <http://downloads.sourceforge.net/sourceforge/watchdog/watchdog-5.15.tar.gz>

MD5: 678c32f6f35a0492c9c1b76b4aa88828

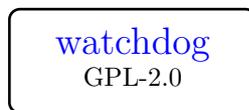


Figure 106.1: Dependency tree for watchdog

106.1 COPYING[automatically found]

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107 web *** Proprietary License!

Package: web v2.1-922-g16a6c70

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

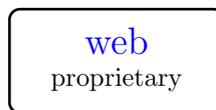


Figure 107.1: Dependency tree for web

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108 wpa_supplicant

Package: wpa_supplicant 2.6

License: BSD-3-Clause

Flags: [attribution](#)

URL: https://w1.fi/releases/wpa_supplicant-2.6.tar.gz

MD5: 091569eb4440b7d7f2b4276dbfc03c3c

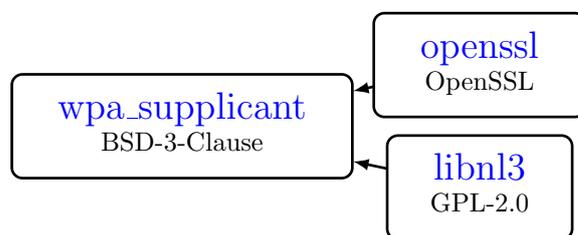


Figure 108.1: Dependency tree for wpa_supplicant

108.1 COPYING[automatically found]

wpa_supplicant and hostapd

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109 xkeyboard-config

Package: xkeyboard-config 2.0

License: MIT

Flags: [attribution](#)

URL: <http://ftp.sunet.se/pub/X11/ftp.x.org/individual/data/xkeyboard-config/xkeyboard-config-2.0.tar.bz2>
<http://ftp.x.org/pub/individual/data/xkeyboard-config/xkeyboard-config-2.0.tar.bz2>
<http://xorg.freedesktop.org/releases/individual/data/xkeyboard-config/xkeyboard-config-2.0.tar.bz2>

MD5: bb8a98ee61cdc4bd835fd2b5cee3e6 06a8c600d086988cc98ea186d39d552e

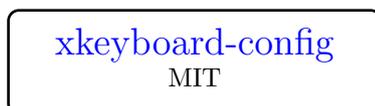


Figure 109.1: Dependency tree for xkeyboard-config

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Package: xml v2.1-166-gce7a35c

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

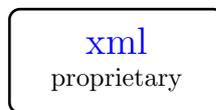


Figure 110.1: Dependency tree for xml

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111 xmlparser *** Proprietary License!

Package: xmlparser v3.0-114-g56b10b5

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*



Figure 111.1: Dependency tree for xmlparser

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112 xmlstarlet

Package: xmlstarlet 1.0.1

License: MIT

Flags: [attribution](#)

URL: <http://downloads.sourceforge.net/sourceforge/xmlstar/xmlstarlet-1.0.1.tar.gz>

MD5: 8deb71834bcd443c258a1f0042fce

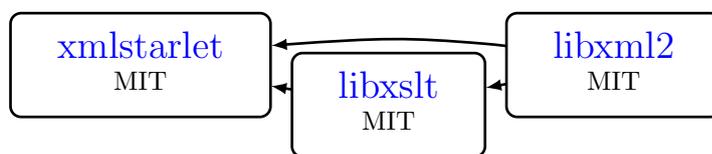


Figure 112.1: Dependency tree for xmlstarlet

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113 xmlwrite *** Proprietary License!

Package: xmlwrite v3.0-5-g166b4f5

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

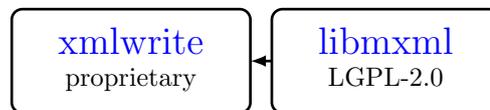


Figure 113.1: Dependency tree for xmlwrite

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114 xorg-font-adobe-75dpi

Package: xorg-font-adobe-75dpi 1.0.3

License: X11

Flags: [attribution](#)

URL: <http://ftp.sunet.se/pub/X11/ftp.x.org/individual/font/font-adobe-75dpi-1.0.3.tar.bz2>
<http://ftp.x.org/pub/individual/font/font-adobe-75dpi-1.0.3.tar.bz2>
<http://xorg.freedesktop.org/releases/individual/font/font-adobe-75dpi-1.0.3.tar.bz2>

MD5: 6c9f26c92393c0756f3e8d614713495b

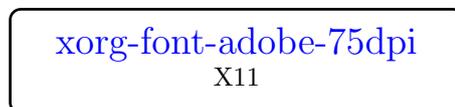


Figure 114.1: Dependency tree for xorg-font-adobe-75dpi

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115 xorg-font-alias

Package: xorg-font-alias 1.0.3

License: Vakulenko

Flags:

URL: <http://ftp.sunet.se/pub/X11/ftp.x.org/individual/font/font-alias-1.0.3.tar.bz2>
<http://ftp.x.org/pub/individual/font/font-alias-1.0.3.tar.bz2>
<http://xorg.freedesktop.org/releases/individual/font/font-alias-1.0.3.tar.bz2>

MD5: 6d25f64796fef34b53b439c2e9efa562



Figure 115.1: Dependency tree for xorg-font-alias

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Author: Serge Vakulenko, <vak@cronyx.ru>

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116 xorg-font-ttf-dejavu

Package: xorg-font-ttf-dejavu 2.35

License: Bitstream-Vera, public_domain

Flags:

URL: <http://sourceforge.net/projects/dejavu/files/dejavu/2.35/dejavu-fonts-ttf-2.35.tar.bz2>

MD5: 59eaca5acf5c7c8212e92778e3e01f32



Figure 116.1: Dependency tree for xorg-font-ttf-dejavu

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\$Id: LICENSE 2133 2007-11-28 02:46:28Z lechimp \$

117 xorg-font-util

Package: xorg-font-util 1.3.0

License: MIT

Flags: [attribution](#)

URL: <http://ftp.sunet.se/pub/X11/ftp.x.org/individual/font/font-util-1.3.0.tar.bz2>
<http://ftp.x.org/pub/individual/font/font-util-1.3.0.tar.bz2>
<http://xorg.freedesktop.org/releases/individual/font/font-util-1.3.0.tar.bz2>

MD5: ddfc8a89d597651408369d940d03d06b



Figure 117.1: Dependency tree for xorg-font-util

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Package: zap 19.0.3.1-58-gbb6b7d2

License: proprietary

Flags: nosource nopatches

URL: *not available*

MD5: *not available*

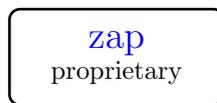


Figure 118.1: Dependency tree for zap

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119 zlib

Package: zlib 1.2.11

License: Zlib

Flags:

URL: <http://zlib.net/zlib-1.2.11.tar.xz>

<http://downloads.sourceforge.net/sourceforge/libpng/zlib-1.2.11.tar.xz>

MD5: 85adef240c5f370b308da8c938951a68

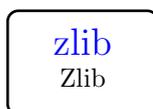


Figure 119.1: Dependency tree for zlib

119.1 README

ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file `test/example.c` which also tests that the library is working correctly. Another example is given in the file `test/minigzip.c`. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of `Makefile.in`. In short "`./configure; make test`", and if that goes well, "`make install`" should work for most flavors of Unix. For Windows, use one of the special makefiles in `win32/` or `contrib/vstudio/`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is <http://zlib.net/>. Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson <markn@ieee.org> wrote an article about zlib for the Jan. 1997 issue of Dr. Dobb's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/> .

The changes made in version 1.2.11 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory contrib/ .

zlib is available in Java using the java.util.zip package, documented at <http://java.sun.com/developer/technicalArticles/Programming/compression/> .

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is available at CPAN (Comprehensive Perl Archive Network) sites, including <http://search.cpan.org/~pmqs/IO-Compress-Zlib/> .

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see <http://docs.python.org/library/zlib.html> .

zlib is built into tcl: <http://wiki.tcl.tk/4610> .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.
- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzdopen is not supported on RISCOS or BEOS.
- For PalmOS, see <http://palmzlib.sourceforge.net/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

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Mark Adler
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If you use the zlib library in a product, we would appreciate *not* receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include third-party code.

If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes. Please read the FAQ for more information on the distribution of modified source versions.

A Flags

Note: This list of tags and the packages marked with them is meant as a starting point for further work. It is by no means complete. There are most likely packages that e.g. require attribution but are missing the corresponding flag.

For individual packages, adding the flag name to `<PKG>_LICENSE` sets the corresponding flag. To add flags to groups of packages, e.g. based on the package license, `ptxd_make_world_license_expand()` can be overwritten and expanded.

A.1 nosource

For packages marked with the *nosource* flag, the source archive(s) will not be part of the license compliance package.

A.2 nopatches

For packages marked with the *nopatches* flag, the patches for this package will not be part of the license compliance package.

A.3 attribution

Packages marked with the *attribution* flag require some sort of attribution. Please refer to the package license for further details.

A.4 choice

Packages marked with the *choice* flag require the licensee to make some kind of license choice. Please refer to the package license for further details.

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