



# Open Source Used In Jabber SDK 9.2

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*/

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*
* Based on public domain "Optimised C code" retrieved from (SHA1
* 7c8e4b00d06685d1dbc6724a9e0d502353de339e):
* http://www.iaik.tu-graz.ac.at/research/krypto/AES/old/~rijmen/rijndael/rijndael-fst-3.0.zip
*/

#include <config.h>

/**
* rijndael-api-fst.c
*
* @version 2.9 (December 2000)
*
* 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>
```

\* @author Paulo Barreto <paulo.barreto@terra.com.br>

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\*

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\*

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\*/

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# 1.4 Base64 not versioned

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/\*

base64.cpp and base64.h

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\*/

# 1.5 base64.cpp 1.0

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## 1.6 csf2g\_boost\_1.44-modified 1.44

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## 1.7 curl 7.25.0

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=====

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GnuTLS <http://www.gnutls.org/>

(May be used for SSL/TLS support) Uses the LGPL[3] license. If this is a problem for you, consider using OpenSSL instead. Also note that GnuTLS itself depends on and uses other libs (libcrypt and libpgp-error) and they too are LGPL- or GPL-licensed.

yassl <http://www.yassl.com/>

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(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib [http://www.gzip.org/zlib/zlib\\_license.html](http://www.gzip.org/zlib/zlib_license.html)

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos <http://web.mit.edu/kerberos/www/dist/>

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fbopenssl

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libidn <http://josefsson.org/libidn/>

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(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

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# 1.8 expat 2.1.0

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## 1.10 glib 2.27.1

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

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

threshold for this to be true is not precisely defined by law.

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

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

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

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

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above

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

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

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# 1.11 gstreamer 0.10.35.1

## 1.11.1 Available under license :

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Version 2, June 1991

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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

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

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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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/\* GStreamer

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## 1.12 gstreamer-plugins-bad 0.10.22.1

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<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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Also add information on how to contact you by electronic and paper mail.

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!

```
/* GStreamer
```

```
* Copyright (C) <1999> Erik Walthinsen <omega@cse.ogi.edu>
```

```
*
```

```
* This library is free software; you can redistribute it and/or  
* modify it under the terms of the GNU Library General Public  
* License as published by the Free Software Foundation; either  
* version 2 of the License, or (at your option) any later version.  
*
```

```
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```

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- \*
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- \* License along with this library; if not, write to the
- \* Free Software Foundation, Inc., 59 Temple Place - Suite 330,
- \* Boston, MA 02111-1307, USA.
- \*/

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GStreamer is developed under the terms of the LGPL (see LICENSE file for details). Some of our plugins however rely on libraries which are available under other licenses. This means that if you are using an application which has a non-GPL compatible license, for instance a closed-source application with GStreamer you have to make sure not to use GPL linked or derived plugins. When using GPL linked plugins GStreamer is for all practical reasons under the GPL itself.

The plugins which use a GPL library are as follows:

a52dec	liba52	( <a href="http://liba52.sourceforge.net/">http://liba52.sourceforge.net/</a> )
aasink	aalib	( <a href="http://sourceforge.net/projects/aa-project/">http://sourceforge.net/projects/aa-project/</a> )
cdparanoia	libcdparanoia	( <a href="http://www.xiph.org/paranoia/">http://www.xiph.org/paranoia/</a> )
dtsdec	libdts	( <a href="http://www.videolan.org/dtsdec.html">http://www.videolan.org/dtsdec.html</a> )
dvdnavsrc	libdvdnav	( <a href="http://dvd.sourceforge.net/">http://dvd.sourceforge.net/</a> )
dxr3		( <a href="http://dxr3.sourceforge.net/">http://dxr3.sourceforge.net/</a> )
icecastsend	libshout	( <a href="http://www.icecast.org">http://www.icecast.org</a> )
mad	libmad	( <a href="http://www.mars.org/home/rob/proj/mpeg/">http://www.mars.org/home/rob/proj/mpeg/</a> )
mpeg2dec	libmpeg2	( <a href="http://libmpeg2.sourceforge.net/">http://libmpeg2.sourceforge.net/</a> )
mpeg2enc	libmpeg2enc	( <a href="http://mjpeg.sourceforge.net/">http://mjpeg.sourceforge.net/</a> )
mplex	libmplex	( <a href="http://mjpeg.sourceforge.net/">http://mjpeg.sourceforge.net/</a> )
siddec	libsidplay 1.36	( <a href="http://www.geocities.com/SiliconValley/Lakes/5147/sidplay/">http://www.geocities.com/SiliconValley/Lakes/5147/sidplay/</a> , <a href="http://sourceforge.net/projects/sidplay2/">http://sourceforge.net/projects/sidplay2/</a> )
trm	libmusicbrainz	( <a href="http://www.musicbrainz.org/">http://www.musicbrainz.org/</a> )
xine	libxine	( <a href="http://xinehq.de/">http://xinehq.de/</a> )
xvid	libxvidcore	( <a href="http://www.xvid.org/">http://www.xvid.org/</a> )

Plugins derived from GPL code are as follows:

dvdreadsrc	libdvdread	( <a href="http://www.dtek.chalmers.se/groups/dvd/">http://www.dtek.chalmers.se/groups/dvd/</a> )
monoscope	None	(Algorithm by Ralph Loader, Joerg Walter, Richard Boulton, and Andy Lo A Foe)

rtjpeg	None	(Erik Walthinsen's algorithm)
rtp	None	( <a href="http://www.linphone.org/ortp/">http://www.linphone.org/ortp/</a> )
synaesthesia		( <a href="http://www.logarithmic.net/pfh/synaesthesia">http://www.logarithmic.net/pfh/synaesthesia</a> )
system_encode	None	(Algorithm by Chrisoph Moar, Wim Tayman's and Erik Walthinsen)
vbidec	None	(Algorithm by Billy Biggs, Doug Bell, Erik Walthinsen and David I. Lehn)

Plugins which use a LGPL library are as follows:

alsa	alsa	( <a href="http://alsa-project.org/">http://alsa-project.org/</a> )
artsdsink	aRts	( <a href="http://arts-project.org/">http://arts-project.org/</a> )
cacasink	libcaca	( <a href="http://sam.zoy.org/projects/libcaca/">http://sam.zoy.org/projects/libcaca/</a> )
colorspace	libcolorspace	
dvdec	libdv	( <a href="http://libdv.sourceforge.net/">http://libdv.sourceforge.net/</a> )
esdmon,esdsink	libesd	( <a href="ftp.gnome.org/pub/GNOME/stable/sources/esound/">ftp.gnome.org/pub/GNOME/stable/sources/esound/</a> )
faac	libfaac	( <a href="http://www.audiocoding.com/modules/mydownloads/">http://www.audiocoding.com/modules/mydownloads/</a> )
fameenc	libfame	( <a href="http://fame.sourceforge.net/">http://fame.sourceforge.net/</a> )
ffmpeg	ffmpeg	( <a href="http://ffmpeg.sourceforge.net/">http://ffmpeg.sourceforge.net/</a> )
gdkpixbuf	GTK+	( <a href="http://www.gtk.org/">http://www.gtk.org/</a> )
gnomevfs	gnome-vfs	( <a href="ftp.gnome.org/pub/GNOME/stable/sources/gnome-vfs/">ftp.gnome.org/pub/GNOME/stable/sources/gnome-vfs/</a> )
gst_arts	aRts	( <a href="http://arts-project.org/">http://arts-project.org/</a> )
gst1394	libraw1394	( <a href="http://www.linux1394.org/">http://www.linux1394.org/</a> )
gstaf	libaudiofile	( <a href="http://www.68k.org/~michael/audiofile/">http://www.68k.org/~michael/audiofile/</a> )
gstsf	libsndfile	( <a href="http://www.mega-nerd.com/libsndfile/">http://www.mega-nerd.com/libsndfile/</a> )
hermescolorspace	Hermes	( <a href="http://www.clanlib.org/hermes/">http://www.clanlib.org/hermes/</a> )
kio	KDE	( <a href="http://www.kde.org/">http://www.kde.org/</a> )
ladspa		( <a href="http://www.ladspa.org/">http://www.ladspa.org/</a> )
lame	libmp3lame	( <a href="http://lame.sourceforge.net/">http://lame.sourceforge.net/</a> )
libvisual	libvisual	( <a href="http://libvisual.sourceforge.net/">http://libvisual.sourceforge.net/</a> )
matroska		( <a href="http://www.matroska.org/">http://www.matroska.org/</a> )
mikmod	libmikmod	( <a href="http://mikmod.raphnet.net/">http://mikmod.raphnet.net/</a> )
ossaudio		( <a href="http://www.opensound.com/">http://www.opensound.com/</a> )
qcamsrc		
rfbenc	librfb	
sdlvideosink	libsdl	( <a href="http://www.libsdl.org/">http://www.libsdl.org/</a> )
shout2send	libshout2	( <a href="http://www.icecast.org">http://www.icecast.org</a> )
smoothwave		
swfdec		( <a href="http://swfdec.sourceforge.net/">http://swfdec.sourceforge.net/</a> )
tarkin		( <a href="http://svn.xiph.org/trunk/tarkin/">http://svn.xiph.org/trunk/tarkin/</a> )
textoverlay	pango	( <a href="http://www.pango.org/">http://www.pango.org/</a> )
dirac		( <a href="http://www.bbc.co.uk/rd/projects/dirac/">http://www.bbc.co.uk/rd/projects/dirac/</a> )
effectv	(Our ports was relicensed)	( <a href="http://effectv.sourceforge.net/">http://effectv.sourceforge.net/</a> )
musepack		( <a href="http://www.musepack.net/">http://www.musepack.net/</a> )
kate	libtiger	( <a href="http://libtiger.googlecode.com/">http://libtiger.googlecode.com/</a> )

Optional, only for the tiger element

Plugins which use a BSD covered library are as follows:

ogg libogg/libvorbis (<http://www.xiph.org/ogg/vorbis/>)  
vorbis libogg/libvorbis (<http://www.xiph.org/ogg/vorbis/>)  
gsttheora libtheora (<http://www.theora.org/>)  
speex (<http://www.speex.org/>)  
flac libFLAC (<http://flac.sourceforge.net/>)  
kate libkate (<http://libkate.googlecode.com/>)

Plugins based on libraries with other free licenses:

ximagesink libXv  
xvimagesink libXv  
- license: MIT X11 / X Consortium license

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

festival (<http://www.cstr.ed.ac.uk/projects/festival/>)  
- license: <http://www.cstr.ed.ac.uk/projects/festival/freecopyright.shtml>

jpeg (<http://www.ijg.org/>)  
- license: IJG license

nas (<http://radscan.com/nas.html>)  
- license: NAS license

snapshot libpng (<http://www.libpng.org/pub/png/>)  
- license: PNG license

mngdec/mngenc libmng (<http://gjuyn.xs4all.nl/libmng>)  
- license PNG license

Plugins using non-free libraries:

divxdec, divxenc (<http://www.divx.com/>)  
osxaudio (<http://www.apple.com/macosx/>)  
sunaudiosink (<http://www.sun.com/>)

Unsure:

faad libfaad (<http://www.audiocoding.com/>)

faad's license depends on its major version :

- for FAAD1 : it is LGPL
- for FAAD2 : it is GPL

look at these pages for more information on licenses :

<http://www.audiocoding.com/modules/wiki/?page=FAAD2>

<http://www.audiocoding.com/modules/wiki/?page=FAAC>

by default, GStreamer faad plugin would compile against FAAD2 if available.

it falls back to FAAD1 if not.

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Version 3, 29 June 2007

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```
gststreamer/gst-plugins-bad/gst/mpegpsmux/mpegpsmux_aac.c
gststreamer/gst-plugins-bad/gst/mpegpsmux/mpegpsmux_aac.h
gststreamer/gst-plugins-bad/gst/mpegpsmux/mpegpsmux_h264.c
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gststreamer/gst-plugins-bad/gst/mpegtsmux/tsmux/tsmuxcommon.h
gststreamer/gst-plugins-bad/gst/mpegtsmux/tsmux/tsmuxstream.c
gststreamer/gst-plugins-bad/gst/mpegtsmux/tsmux/tsmuxstream.h
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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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/\* GStreamer

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\*

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## 1.14 gstreamer-plugins-good 0.10.30.1

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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.>

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

That's all there is to it!

This is a demuxer supporting a subset of the Quicktime video container format developed by Apple. Apple and others have some patents on some features of the Quicktime container format in regards to technologies such as QuicktimeVR and RTP hinting. Due to that be aware that if ever

such features are added to this demuxer it would need to be moved to the -ugly module or those features need to come as add-in functionality stored in another module.

As the plugin is as of today's date (19th of June 2007) it does not violate any software patents we know of.

/\*

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The plugins which use a GPL library are as follows:

a52dec      liba52      (<http://liba52.sourceforge.net/>)

aasink      aalib      (<http://sourceforge.net/projects/aa-project/>)

cdparanoia      libcdparanoia      (<http://www.xiph.org/paranoia/>)

dtsdec libdts (<http://www.videolan.org/dtsdec.html>)  
 dvdnavsrc libdvdnav (<http://dvd.sourceforge.net/>)  
 dxr3 (<http://dxr3.sourceforge.net/>)  
 icecastsend libshout (<http://www.icecast.org>)  
 mad libmad (<http://www.mars.org/home/rob/proj/mpeg/>)  
 mpeg2dec libmpeg2 (<http://libmpeg2.sourceforge.net/>)  
 mpeg2enc libmpeg2enc (<http://mjpeg.sourceforge.net/>)  
 mplex libmplex (<http://mjpeg.sourceforge.net/>)  
 siddec libsidplay 1.36 (<http://www.geocities.com/SiliconValley/Lakes/5147/sidplay/>,  
<http://sourceforge.net/projects/sidplay2/>)  
 trm libmusicbrainz (<http://www.musicbrainz.org/>)  
 xine libxine (<http://xinehq.de/>)  
 xvid libxvidcore (<http://www.xvid.org/>)

Plugins derived from GPL code are as follows:

dvdreadsrc libdvdread (<http://www.dtek.chalmers.se/groups/dvd/>)  
 jack libjack (<http://jackit.sourceforge.net/>)  
 Note libjack is LGPL, but plugin is GPL.  
 monoscope None (Algorithm by Ralph Loader, Joerg Walter,  
 Richard Boulton, and Andy Lo A Foe)  
 rtjpeg None (Erik Walthinsen's algorithm)  
 rtp None (<http://www.linphone.org/ortp/>)  
 synaesthesia (<http://www.logarithmic.net/pfh/synaesthesia>)  
 system\_encode None (Algorithm by Chrisoph Moar, Wim Tayman's and  
 Erik Walthinsen)  
 vbidec None (Algorithm by Billy Biggs, Doug Bell,  
 Erik Walthinsen and David I. Lehn)

Plugins which use a LGPL library are as follows:

alsa alsa (<http://alsa-project.org/>)  
 artsdsink aRts (<http://arts-project.org/>)  
 cacasink libcaca (<http://sam.zoy.org/projects/libcaca/>)  
 colorspace libcolorspace  
 dvdec libdv (<http://libdv.sourceforge.net/>)  
 esdmon,esdsink libesd (<ftp.gnome.org/pub/GNOME/stable/sources/esound/>)  
 faac libfaac (<http://www.audiocoding.com/modules/mydownloads/>)  
 fameenc libfame (<http://fame.sourceforge.net/>)  
 ffmpeg ffmpeg (<http://ffmpeg.sourceforge.net/>)  
 gdkpixbuf GTK+ (<http://www.gtk.org/>)  
 gnomevfs gnome-vfs (<ftp.gnome.org/pub/GNOME/stable/sources/gnome-vfs/>)  
 gst\_arts aRts (<http://arts-project.org/>)  
 gst1394 libraw1394 (<http://www.linux1394.org/>)  
 gstaf libaudiofile (<http://www.68k.org/~michael/audiofile/>)  
 gstsf libsndfile (<http://www.mega-nerd.com/libsndfile/>)  
 hermescolorspace Hermes (<http://www.clanlib.org/hermes/>)  
 kio KDE (<http://www.kde.org/>)

ladspa (<http://www.ladspa.org/>)  
lame libmp3lame (<http://lame.sourceforge.net/>)  
libvisual libvisual (<http://libvisual.sourceforge.net/>)  
matroska (<http://www.matroska.org/>)  
mikmod libmikmod (<http://mikmod.raphnet.net/>)  
ossaudio (<http://www.opensound.com/>)  
qcamsrc  
rfbenc librfb  
sdlvideosink libsdl (<http://www.libsdl.org/>)  
shout2send libshout2 (<http://www.icecast.org/>)  
smoothwave  
swfdec (<http://swfdec.sourceforge.net/>)  
tarkin (<http://svn.xiph.org/trunk/tarkin/>)  
textoverlay pango (<http://www.pango.org/>)  
dirac (<http://www.bbc.co.uk/rd/projects/dirac/>)  
effectv (Our ports was relicensed)(<http://effectv.sourceforge.net/>)  
musepack (<http://www.musepack.net/>)

Plugins which use a BSD covered library are as follows:

ogg libogg/libvorbis (<http://www.xiph.org/ogg/vorbis/>)  
vorbis libogg/libvorbis (<http://www.xiph.org/ogg/vorbis/>)  
gsttheora libtheora (<http://www.theora.org/>)  
speex (<http://www.speex.org/>)  
flac libFLAC (<http://flac.sourceforge.net/>)

Plugins based on libraries with other free licenses:

ximagesink libXv  
xvimagesink libXv  
- license: MIT X11 / X Consortium license

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

festival (<http://www.cstr.ed.ac.uk/projects/festival/>)  
- license: <http://www.cstr.ed.ac.uk/projects/festival/freecopyright.shtml>

jpeg (<http://www.ijg.org/>)  
- license: IJG license

nas (<http://radscan.com/nas.html>)  
- license: NAS license

snapshot libpng (<http://www.libpng.org/pub/png/>)  
- license: PNG license

mngdec/mngenc libmng (<http://gjuyn.xs4all.nl/libmng>)

- license PNG license

Plugins using non-free libraries:

divxdec, divxenc                    (<http://www.divx.com/>)  
osxaudio                            (<http://www.apple.com/macosx/>)  
sunaudiosink                        (<http://www.sun.com/>)

Unsure:

faad            libfaad            (<http://www.audiocoding.com/>)

faad's license depends on its major version :

- for FAAD1 : it is LGPL
- for FAAD2 : it is GPL

look at these pages for more information on licenses :

<http://www.audiocoding.com/modules/wiki/?page=FAAD2>

<http://www.audiocoding.com/modules/wiki/?page=FAAC>

by default, GStreamer faad plugin would compile against FAAD2 if available.  
it falls back to FAAD1 if not.

## 1.15 jQuery 1.4.2

### 1.15.1 Available under license :

```
/*!  
 * jQuery JavaScript Library v1.4.2  
 * http://jquery.com/  
 *  
 * Copyright 2010, John Resig  
 * Dual licensed under the MIT or GPL Version 2 licenses.  
 * http://jquery.org/license  
 *  
 * Includes Sizzle.js  
 * http://sizzlejs.com/  
 * Copyright 2010, The Dojo Foundation  
 * Released under the MIT, BSD, and GPL Licenses.  
 *  
 * Date: Sat Feb 13 22:33:48 2010 -0500  
 */
```

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```
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From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

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From dso/aix/dso.c:

\* Based on libdl (dlfcn.c/dlfcn.h) which is

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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.

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From strings/apr\_sprintf.c:

```
*  
* cvt - IEEE floating point formatting routines.  
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*
```

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```
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## 1.25 OpenSSL Patch to 0.9.8 branch to enable session ticket extension to TLS 1.0

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## 1.26 unbound 1.4.18

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## 1.27 zlib 1.2.3

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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