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## 1.6 webrtc 72

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```



```

/*  o reverse lookup table for the decode function
/*  o reserve string buffer space in advance
/*
/******
/*
/* http://www.kurims.kyoto-u.ac.jp/~ooura/fft.html
/* Copyright Takuya OOURA, 1996-2001
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*/
/*
/* SpanDSP - a series of DSP components for telephony
/*
/* g722_decode.c - The ITU G.722 codec, decode part.
/*
/* Written by Steve Underwood <steveu@coppice.org>
/*
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/*
/* Based in part on a single channel G.722 codec which is:
/*
/* Copyright (c) CMU 1993
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```

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```
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//
```

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/\*

\* SpanDSP - a series of DSP components for telephony

\*

\* g711.h - In line A-law and u-law conversion routines

\*

\* Written by Steve Underwood <steveu@coppice.org>

\*

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\* \$Id: pa\_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche \$

\* Portable Audio I/O Library

\* Memory barrier utilities

\*

\* Author: Bjorn Roche, XO Audio, LLC

\*

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\* \$Id: pa\_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche \$

\* Portable Audio I/O Library

\* Ring Buffer utility.

\*

\* Author: Phil Burk, <http://www.softsynth.com>

\* modified for SMP safety on Mac OS X by Bjorn Roche

\* modified for SMP safety on Linux by Leland Lucius

\* also, allowed for const where possible

\* modified for multiple-byte-sized data elements by Sven Fischer

\*

\* Note that this is safe only for a single-thread reader and a

\* single-thread writer.

\*

\* This program uses the PortAudio Portable Audio Library.

\* For more information see: <http://www.portaudio.com>

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/\*

\* Written by Wilco Dijkstra, 1996. The following email exchange establishes the  
\* license.

\*

\* From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>

\* Date: Fri, Jun 24, 2011 at 3:20 AM

\* Subject: Re: sqrt routine

\* To: Kevin Ma <kma@google.com>

\* Hi Kevin,

\* Thanks for asking. Those routines are public domain (originally posted to  
\* comp.sys.arm a long time ago), so you can use them freely for any purpose.

\* Cheers,

\* Wilco

\*

\* ----- Original Message -----

\* From: "Kevin Ma" <kma@google.com>

\* To: <Wilco.Dijkstra@ntlworld.com>

\* Sent: Thursday, June 23, 2011 11:44 PM

\* Subject: Fwd: sqrt routine

\* Hi Wilco,

\* I saw your sqrt routine from several web sites, including

\* <http://www.finesse.demon.co.uk/steven/sqrt.html>.

\* Just wonder if there's any copyright information with your Successive  
\* approximation routines, or if I can freely use it for any purpose.

\* Thanks.

\* Kevin

\*/

/\*

\* Copyright(c)1995,97 Mark Olesen <olesen@me.QueensU.CA>

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\*

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Volvett Zhang  
Ling Zhu  
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Huade Shi

```
include $(SRC_PATH)build/arch.mk
SHAREDLIBSUFFIX = so
SHAREDLIBSUFFIXFULLVER=$(SHAREDLIBSUFFIX).$(FULL_VERSION)
SHAREDLIBSUFFIXMAJORVER=$(SHAREDLIBSUFFIX).$(SHAREDLIB_MAJORVERSION)
SHLDFLAGS = -Wl,-soname,$(LIBPREFIX)$(PROJECT_NAME).$(SHAREDLIBSUFFIXMAJORVER)
CFLAGS += -fPIC -fstack-protector-all
LDFLAGS += -lpthread
STATIC_LDFLAGS += -lpthread -lm
ifeq ($(ASM_ARCH), x86)
ifeq ($(ARCH), x86_64)
ASMFLAGS += -f elf64
else
ASMFLAGS += -f elf
endif
endif
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```

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//

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# Wrapper for Microsoft lib.exe

me=ar-lib

scriptversion=2012-03-01.08; # UTC

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# Written by Peter Rosin <peda@lysator.liu.se>.

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

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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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.)

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.

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## 1.16 easywsclient 1.0

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## 1.18 tufao 0.6

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=====

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```

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The Blowfish Encryption Algorithm

Block cipher: 64-bit block

Variable key length: 32 bits to 448 bits

Designed by Bruce Schneier

Much faster than DES and IDEA

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## 1.24 rsamd5c++inplementation 1.02

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MD5C.C - RSA Data Security, Inc., MD5 message-digest algorithm  
MDDRIVER.C - test driver for MD2, MD4 and MD5

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## 1.25 curl 7.63.0-DEV

### 1.25.1 Available under license :

License Mixing  
=====

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I am not a lawyer and this is not legal advice!

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#### ## libcurl

Uses an [MIT style license](<https://curl.haxx.se/docs/copyright.html>) that is very liberal.

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## 1.26 open-ldap 2.4.48



# 1.27 qt 5.12.4

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## 1.28 rfc4122 1

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# 1.29 protobuf 3.5.2

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\* Added generation of field number constants.

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\* Fixed initialization ordering problem in logging code.

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\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

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\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>  
\* HPUX support.

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\* Detect whether zlib is new enough in configure script.  
\* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>  
\* Optimize Java serialization code when writing a small message to a stream.  
\* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.  
\* Clean up some Java warnings.  
\* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>  
\* Added CodedInputStream.getTotalBytesRead().

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\* Added atomicops for Solaris

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\* Fixed minor IBM xLC compiler build issues  
\* Added atomicops for AIX (POWER)

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