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Contents

1.1 websocketpp 0.8.2

1.1.1 Available under license

1.2 json-cpp 1.9.3

1.2.1 Available under license

1.3 cpprest 2.10.18

1.3.1 Available under license

1.4 zlib 1.2.13

1.4.1 Available under license

1.5 protobuf 3.21.12

1.5.1 Available under license

1.6 libzip 1.9.2

1.6.1 Available under license

1.7 openssl 3.0.10

1.7.1 Available under license

1.8 boost 1.82.0-r1

1.8.1 Available under license

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Main Library:

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Bundled Libraries:

***** Base 64 Library (base64/base64.hpp) *****

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base64.cpp and base64.h

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Ren Nyffenegger rene.nyffenegger@adp-gmbh.ch

***** SHA1 Library (sha1/sha1.hpp) *****

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md5.hpp is a reformulation of the md5.h and md5.c code from <http://www.opensource.apple.com/source/cups/cups-59/cups/md5.c> to allow it to function as a component of a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2012 for the WebSocket++ project. The changes are released under the same license as the original (listed below)

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L. Peter Deutsch
ghost@aladdin.com

***** UTF8 Validation logic (utf8_validation.hpp) *****

utf8_validation.hpp is adapted from code originally written by Bjoern Hoehrmann <bjoern@hoehrmann.de>. See <http://bjoern.hoehrmann.de/utf-8/decoder/dfa/> for details.

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1.2 json-cpp 1.9.3

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1.3 cpprest 2.10.18

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base64.cpp and base64.h

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Ren Nyffenegger rene.nyffenegger@adp-gmbh.ch

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L. Peter Deutsch
ghost@aladdin.com

***** UTF8 Validation logic (utf8_validation.hpp) *****

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List of Contributors

=====

Microsoft Corporation

Brian Wengert (bwengert79)

Leslie Brody (Les1966)

Michael M (M1xa)

Matt Peterson (MattPeterson1)

Dmitry Kolomiets (kolomiets)

rdeterre

DeCarabas

luisfelio

intercommiura

halex2005

simonlep

jracle

gandziej

adish

LeonidCSIT

kreuzerkrieg

evanc

Jesse Towner (jwtdowner)

Abinsula s.r.l.

Gianfranco Costamagna (LocutusOfBorg)

AutoDesk Inc.

Cyrille Fauvel (cyrillef)

Illumina Inc.

Gery Vessere (gery@vessere.com)

Cisco Systems

Gergely Lukacsy (glukacsy)
Chris Deering (deeringc)

Ocedo GmbH
Henning Pfeiffer (megaposer)

thomasschaub

Trimble
Tim Boundy (gigaplex)

Rami Abughazaleh (icnocop)

TastenTrick
Christian Deneke (chris0x44)

leetal

Benjamin Lee (mobileben)
Ren Meusel (reneme)

Sony Corporation
Gareth Sylvester-Bradley (garethsb-sony)
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1.4 zlib 1.2.13

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu
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1.5 protobuf 3.21.12

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Original Protocol Buffers design and implementation:

Sanjay Ghemawat <sanjay@google.com>
Jeff Dean <jeff@google.com>
Daniel Dulitz <daniel@google.com>
Craig Silverstein
Paul Haahr <haahr@google.com>
Corey Anderson <corin@google.com>
(and many others)

Proto2 C++ and Java primary author:

Kenton Varda <kenton@google.com>

Proto2 Python primary authors:

Will Robinson <robinson@google.com>
Petar Petrov <petar@google.com>

Java Nano primary authors:

Brian Duff <bduff@google.com>
Tom Chao <chaot@google.com>
Max Cai <maxtroy@google.com>
Ulas Kirazci <ulas@google.com>

Large code contributions:

Jason Hsueh <jasonh@google.com>
Joseph Schorr <jschorr@google.com>
Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:

Scott Bruce <sbruce@google.com>
Frank Yellin
Neal Norwitz <nnorwitz@google.com>

Jeffrey Yasskin <jyasskin@google.com>
Ambrose Feinstein <ambrose@google.com>

Documentation:

Lisa Carey <lcarey@google.com>

Maven packaging:

Gregory Kick <gak@google.com>

Patch contributors:

Kevin Ko <kevin.s.ko@gmail.com>

- * Small patch to handle trailing slashes in --proto_path flag.

Johan Euphrosine <proppy@aminche.com>

- * Small patch to fix Python CallMethod().

Ulrich Kunitz <kune@deine-taler.de>

- * Small optimizations to Python serialization.

Leandro Lucarella <llucax@gmail.com>

- * VI syntax highlighting tweaks.
- * Fix compiler to not make output executable.

Dilip Joseph <dilip.antony.joseph@gmail.com>

- * Heuristic detection of sub-messages when printing unknown fields in text format.

Brian Atkinson <nairb774@gmail.com>

- * Added @Override annotation to generated Java code where appropriate.

Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>

- * Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

- * Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

- * Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>

- * MS Visual Studio error format option.
- * Detect unordered_map in stl_hash.m4.

Brian Olson <brianolson@google.com>

- * gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

- * Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- * Added generation of field number constants.

Wink Saville <wink@google.com>

- * Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

- * Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>

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

Scott Stafford <scott.stafford@gmail.com>

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

Alexander Melnikov <alm@sibmail.ru>

* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

- * 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().

Kacper Kowalik <xarthisius.kk@gmail.com>

- * Fixed m4/acx_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- * Fixed detection of sched_yield on Solaris.
- * Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

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

Nipunn Koorapati <nipunn1313@gmail.com>

- * Provide a type alias field ValueType on EnumTypeWrapper
- * Match service argument names to abstract interface

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1.6 libzip 1.9.2

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