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Bundled Libraries:

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

base64.hpp is a repackaging of the base64.cpp and base64.h files into a single header suitable for use as a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2012. All modifications to the code are redistributed under the same license as the original, which is listed below.

base64.cpp and base64.h

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

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***** MD5 Library (common/md5.hpp) *****

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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1.4 jansson 2.10

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1.5 opus 1.3.1

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1.6 libilbc 2.0.2

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1.7 json-cpp 0.7.0

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To do so, attach the following notices to the program. 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 program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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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.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may

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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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The End

1.9 safestring 2.0

1.9.1 Available under license :

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```
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* safe_mem_lib.h -- Safe C Library Memory APIs  
*  
* October 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_mem_lib.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strljustify_s.c  
*  
* November 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strljustify_s.c

No license file was found, but licenses were detected in source scan.

```
/*-----  
* mem_primitives_lib.c - Unguarded Memory Copy Routines  
*  
* February 2005, Bo Berry  
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*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/mem_primitives_lib.c

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```
/*-----  
* strcasestr_s.c  
*  
* November 2008, Bo Berry  
*  
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* All rights Reserved.  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strcasestr_s.c

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```
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* safe_string.h  
*  
* November 2008, Bo Berry  
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* SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_string.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strstr_s.c  
*  
* November 2008, Bo Berry  
*  
* Copyright (c) 2008-2010, 2013 by Cisco Systems, Inc.  
* All rights reserved.  
*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strstr_s.c

No license file was found, but licenses were detected in source scan.

```
/*-----  
* safe_mem_constraint.h  
*  
* October 2008, Bo Berry  
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*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/safe_mem_constraint.h

No license file was found, but licenses were detected in source scan.

```
/*-----  
* stremovevs_s.c  
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* November 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/stremovevs_s.c

No license file was found, but licenses were detected in source scan.

```
/*-----  
* strzero_s.c  
*  
* October 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strzero_s.c

No license file was found, but licenses were detected in source scan.

```
/*-----  
* mem_primitives_lib.h - Unguarded Memory Copy Routines  
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* October 2005, Bo Berry  
*  
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*-----
*/

```

Found in path(s):

```

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/mem_primitives_lib.h
No license file was found, but licenses were detected in source scan.

```

```

/*-----
* strcat_s.c
*
* October 2008, Bo Berry
*
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*/

```

Found in path(s):

```

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strcat_s.c
No license file was found, but licenses were detected in source scan.

```

```

/*-----
* strispassword_s.c
*
* October 2008, Bo Berry
*
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*-----
*/

```

Found in path(s):

```

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strispassword_s.c
No license file was found, but licenses were detected in source scan.

```

```

/*-----
* safe_str_constraint.h
*
* October 2008, Bo Berry
*

```

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 *-----
 */

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/safe_str_constraint.h

No license file was found, but licenses were detected in source scan.

/*-----
 * strlastsame_s.c
 *
 * November 2008, Bo Berry
 *
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 *-----
 */

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strlastsame_s.c

No license file was found, but licenses were detected in source scan.

/*-----
 * safe_limits.h -- limits include for portability
 *
 * February 2009, Bo Berry
 *
 * Copyright (c) 2009-2010, 2013 by Cisco Systems, Inc.

```

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* SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
*-----
*/

```

Found in path(s):

```
* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_limits.h
```

No license file was found, but licenses were detected in source scan.

```

/*-----
* strlastchar_s.c
*
* November 2008, Bo Berry
*
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*/

```

Found in path(s):

```
* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strlastchar_s.c
```

No license file was found, but licenses were detected in source scan.

```

/*-----
* strncat_s.c
*
* October 2008, Bo Berry
*
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*-----

```

*/

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strncat_s.c

No license file was found, but licenses were detected in source scan.

/*-----

* strcpyfldin_s.c

*

* November 2008, Bo Berry

*

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*/

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strcpyfldin_s.c

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/*-----

* strisupercase_s.c

*

* October 2008, Bo Berry

*

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/*-----

*/

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strisupercase_s.c

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/*-----

* strislowercase_s.c

*

* February 2005, Bo Berry

*

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/*-----

*/

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* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strislowercase_s.c

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/*-----

```

* safe_types.h -- types include for portability
*
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*-----
*/

```

Found in path(s):

```
* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_types.h
```

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```

/*-----
* strprefix_s.c
*
* November 2008, Bo Berry
*
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*-----
*/

```

Found in path(s):

```
* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strprefix_s.c
```

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```

/*-----
* safe_lib.h -- library include for portability
*

```

* February 2009, Bo Berry
 *
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 *-----
 */

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* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_lib.h

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/*-----
 * strncpy_s.c
 *
 * October 2008, Bo Berry
 *
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 *-----
 */

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* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strncpy_s.c

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/*-----
 * strishex_s.c
 *
 * October 2008, Bo Berry
 *

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*/

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strishex_s.c

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```
/*-----  
* safe_str_lib.h -- Safe C Library String APIs  
*  
* October 2008, Bo Berry  
*  
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*-----  
*/
```

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* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/include/safe_str_lib.h

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```
/*-----  
* strspn_s.c  
*  
* November 2008, Bo Berry  
*  
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```

```
*-----  
*/
```

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* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strspn_s.c

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```
/*-----  
* strpbrk_s.c  
*  
* November 2008, Bo Berry  
*  
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*-----  
*/
```

Found in path(s):

* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strpbrk_s.c

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```
/*-----  
* strtok_s.c  
*  
* October 2008, Bo Berry  
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*-----  
*/
```

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* /safe-lib-2-0-1-tar-gz/safe_lib_2_0/src/safe_string/strtok_s.c

1.10 sqlite 3.42.0

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1.11 openh264 3.35.0

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1.12 adaptivecards 2.9.0

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1.13 nanopb 2.30909.0

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1.14 curl 7.88.1

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1.15 sipcc 12.8.0

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1.16 zlib 1.2.12

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see <http://www.zope.com>). In 2001, the Python Software

Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes

2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011		
PSF	yes			
3.2.2	3.2.1	2011	PSF	yes
3.2.3	3.2.2	2012	PSF	yes
3.3.0	3.2	2012	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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