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Contents

- 1.1 apache common IO 2.4**
 - 1.1.1 Available under license
- 1.2 Apache Commons Codec 1.3.**
 - 1.2.1 Available under license
- 1.3 apache commons codec 1.8**
 - 1.3.1 Available under license
- 1.4 Apache Commons Lang 3.1**
 - 1.4.1 Available under license
- 1.5 apache commons math 3.3.2**
 - 1.5.1 Available under license
- 1.6 Apache Http components client 4.2.5**
 - 1.6.1 Available under license
- 1.7 Apache Http components core 4.2.4**
 - 1.7.1 Available under license
- 1.8 Apache httpd 2.4.23 :2.4.23**
 - 1.8.1 Available under license
- 1.9 Apache MINA Core 2.0.3**
 - 1.9.1 Available under license
- 1.10 Apache Tomcat Server 6.0.44 6.0.44**
 - 1.10.1 Available under license
- 1.11 apache-procrun 1.0.15**
 - 1.11.1 Available under license
- 1.12 apr 1.5.1**
 - 1.12.1 Available under license
- 1.13 apr-inconv 1.2.1**
 - 1.13.1 Available under license

- 1.14 apr-util 1.5.4**
 - 1.14.1 Available under license
- 1.15 bee-encode 0.2**
 - 1.15.1 Available under license
- 1.16 Castor 0.9.5**
 - 1.16.1 Notifications
 - 1.16.2 Available under license
- 1.17 Commons IO 2.4**
 - 1.17.1 Available under license
- 1.18 commons-lang3 3.1**
 - 1.18.1 Available under license
- 1.19 DBD sqlanywhere 2.08**
 - 1.19.1 Available under license
- 1.20 DBI 1.5.1**
 - 1.20.1 Available under license
- 1.21 dnsjava 2.1.4**
 - 1.21.1 Available under license
- 1.22 dojo mobile 1.9**
 - 1.22.1 Available under license
- 1.23 EhCache 1.5**
 - 1.23.1 Available under license
- 1.24 Geopip api java 1.2.9**
 - 1.24.1 Available under license
- 1.25 Google Protocol Buffers 2.0.3**
 - 1.25.1 Available under license
- 1.26 google-gson 2.2.4**
 - 1.26.1 Available under license
- 1.27 Guava libraries 14.0.1**
 - 1.27.1 Available under license
- 1.28 Hyperic SIGAR 1.6.4**
 - 1.28.1 Available under license
- 1.29 Innovation HTTPClient 0.3-3**
 - 1.29.1 Available under license
- 1.30 itext 1.3.1**
 - 1.30.1 Available under license
- 1.31 Jakarta-ORO 2.0.8**
 - 1.31.1 Notifications
 - 1.31.2 Available under license
- 1.32 java-diff 1.1.0**

- 1.32.1 Available under license
- 1.33 javabi-sizeof 0.2**
 - 1.33.1 Available under license
- 1.34 javax-json 1.0.4**
 - 1.34.1 Available under license
- 1.35 jaxrpc-api 1.1 :0**
 - 1.35.1 Available under license
- 1.36 jdom 1.1.3**
 - 1.36.1 Notifications
 - 1.36.2 Available under license
- 1.37 JFreeChart 1.0.13**
 - 1.37.1 Available under license
- 1.38 JGoodies Forms 1.2.1**
 - 1.38.1 Available under license
- 1.39 JiBX 1.2.3**
 - 1.39.1 Notifications
 - 1.39.2 Available under license
- 1.40 jibx 1.2.5**
 - 1.40.1 Notifications
 - 1.40.2 Available under license
- 1.41 JNetStream 3.0**
 - 1.41.1 Available under license
- 1.42 jsoup 1.7.2**
 - 1.42.1 Available under license
- 1.43 Imax disruptor 3.0.1**
 - 1.43.1 Available under license
- 1.44 logging-log4j 1.2.14**
 - 1.44.1 Available under license
- 1.45 Lucene 2.4.0**
 - 1.45.1 Available under license
- 1.46 Metrics Core Library 2.2.0**
 - 1.46.1 Available under license
- 1.47 mod_jk 1.2.37**
 - 1.47.1 Available under license
- 1.48 OpenSSL 1.0.2n**
 - 1.48.1 Notifications
 - 1.48.2 Available under license
- 1.49 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0**
 - 1.49.1 Notifications

- 1.49.2 Available under license
- 1.50 pcre 8.34**
 - 1.50.1 Available under license
- 1.51 quartz 1.8.0**
 - 1.51.1 Available under license
- 1.52 Restlet 2.0.7**
 - 1.52.1 Available under license
- 1.53 slf4j 1.5.2**
 - 1.53.1 Available under license
- 1.54 slf4j 1.7.5**
 - 1.54.1 Available under license
- 1.55 Spring 2.5.5**
 - 1.55.1 Available under license
- 1.56 velocity-dep 1.3.1**
 - 1.56.1 Notifications
 - 1.56.2 Available under license
- 1.57 XStream 1.4.1**
 - 1.57.1 Available under license

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*/

package org.apache.commons.codec;

/**

* Defines common decoding methods for byte array decoders.

*

* @author Apache Software Foundation

* @version \$Id: BinaryDecoder.java,v 1.10 2004/06/15 18:14:15 ggregory Exp \$

*/

public interface BinaryDecoder extends Decoder {

/**

* Decodes a byte array and returns the results as a byte array.

*

* @param pArray A byte array which has been encoded with the

* appropriate encoder

*

* @return a byte array that contains decoded content

*

* @throws DecoderException A decoder exception is thrown

* if a Decoder encounters a failure condition during

* the decode process.

```
*/  
byte[] decode(byte[] pArray) throws DecoderException;  
}
```

The commons-codec team is pleased to announce the Codec 1.3 release!

<http://jakarta.apache.org/commons/codec/>

The codec package contains simple encoder and decoders for various formats such as Base64 and Hexadecimal. In addition to these widely used encoders and decoders, the codec package also maintains a collection of phonetic encoding utilities.

Changes in this version include:

New Features:

- o BinaryCodec: Encodes and decodes binary to and from Strings of 0s and 1s. Issue: 27813. Thanks to Alex Karasulu.
- o QuotedPrintableCodec: Codec for RFC 1521 MIME (Multipurpose Internet Mail Extensions) Part One. Rules #3, #4, and #5 of the quoted-printable spec are not implemented yet. See also issue 27789. Issue: 26617. Thanks to Oleg Kalnichevski.
- o BCodec: Identical to the Base64 encoding defined by RFC 1521 and allows a character set to be specified. Issue: 26617. Thanks to Oleg Kalnichevski.
- o QCodec: Similar to the Quoted-Printable content-transfer-encoding defined in RFC 1521 and designed to allow text containing mostly ASCII characters to be decipherable on an ASCII terminal without decoding. Issue: 26617. Thanks to Oleg Kalnichevski.
- o Soundex: Implemented the DIFFERENCE algorithm. Issue: 25243. Thanks to Matthew Inger.
- o RefinedSoundex: Implemented the DIFFERENCE algorithm. Issue: 25243. Thanks to Matthew Inger.

Fixed bugs:

- o The default URL encoding logic was broken. Issue: 25995. Thanks to Oleg Kalnichevski.
- o Base64 chunked encoding not compliant with RFC 2045 section 2.1 CRLF. Issue: 27781. Thanks to Gary D. Gregory.
- o Hex converts illegal characters to 255. Issue: 28455.
- o Metaphone now correctly handles a silent B in a word that ends in MB. "COMB" is encoded as "KM", before this fix "COMB" was encoded as "KMB". Issue: 28457.
- o Added missing tags in Javadoc comments.
- o General Javadoc improvements.

Changes:

- o This version is released under the Apache License 2.0 , please see LICENSE.txt. Previous versions were released under the Apache License 1.1.
- o The Board recommendation to remove Javadoc author tags has been implemented. All author tags are now "Apache Software Foundation".

Have fun!

-The commons-codec team

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The inverse error function implementation in the Erf class is based on CUDA code developed by Mike Giles, Oxford-Man Institute of Quantitative Finance, and published in GPU Computing Gems, volume 2, 2010.
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</div>

</div>

<div class="bottomlang">

<p>Available Languages: en </p>

</div><div class="top"></div><div

class="section"><h2>Comments</h2><div

class="warning">Notice:
This is not a Q&A section. Comments placed here should be

pointed towards suggestions on improving the documentation or server, and may be removed again by our moderators if they are either implemented or considered invalid/off-topic. Questions on how to manage the Apache

HTTP Server should be directed at either our IRC channel, #httpd, on Freenode, or sent to our mailing lists.</div>

<script type="text/javascript"><!--><![CDATA[//><!--

var comments_shortcode = 'httpd';

var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';

(function(w, d) {

if (w.location.hostname.toLowerCase() == "httpd.apache.org") {

```

d.write('<div id="comments_thread"></div>');
var s = d.createElement('script');
s.type = 'text/javascript';
s.async = true;
s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortcode + '&page=' +
comments_identifier;
(d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
}
else {
d.write('<div id="comments_thread">Comments are disabled for this page at the moment.</div>');
}
})(window, document);
!--><![></script></div><div id="footer">
<p class="apache">Copyright 2016 The Apache Software Foundation.<br />Licensed under the <a
href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
href="/sitemap.html">Sitemap</a></p></div><script type="text/javascript"><!--><![CDATA[<!--><!--
if (typeof(prettyPrint) !== 'undefined') {
prettyPrint();
}
--><![></script>
</body></html>

```

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Apache HTTP Server

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```

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* NCSA HTTPd Server
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* University of Illinois at Urbana-Champaign
* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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For the srclib\apr-util\xml\expat\conftools\install-sh component:

```
#  
# install - install a program, script, or datafile  
# This comes from X11R5 (mit/util/scripts/install.sh).  
#  
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#
```

```
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```

For the test\zb.c component:

```
/*          ZeusBench V1.01
=====
```

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

```
*/
```

For the expat xml parser component:

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1.10 Apache Tomcat Server 6.0.44 6.0.44

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For the following XML Schemas for Java EE Deployment Descriptors:

- javaee_5.xsd
- javaee_web_services_1_2.xsd
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From strings/apr_fnmatch.c, include/apr_fnmatch.h, misc/unix/getopt.c, file_io/unix/mktemp.c, strings/apr_strings.c:

/*

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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_snprintf.c:

- *
- * cvt - IEEE floating point formatting routines.
- * Derived from UNIX V7, Copyright(C) Caldera International Inc.
- *

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* iconv (Charset Conversion Library) v1.0

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1.26 google-gson 2.2.4

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1.35 jaxrpc-api 1.1 :0

1.35.1 Available under license :

Summary: jaxrpc-api

Name: jaxrpc-api

Version: 1.1

Release: 0

License: CDDL 1.0

Group: Libraries/Java

Source: /users/sahuero/sandbox/SOURCES/jboss-jaxrpc-api_1.1_spec-1.0.1.Final-sources.jar

URL: <https://svn.java.net/svn/jax-rpc-svn>

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1.36 jdom 1.1.3

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1.49 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0

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```
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/* Written by Dr Stephen N Henson (steve@openssl.org) for the OpenSSL
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 * Modified by Attaullah Baig (abaig@paypal.com) to wrap/unwrap any
 * size keys (Implemented RFC5649)
 */
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1.50 pcre 8.34

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel

Email local part: ph10
Email domain: cam.ac.uk

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Cambridge, England.

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1.51 quartz 1.8.0

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Version 6.2, September 2010

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1.56 velocity-dep 1.3.1

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1.57 XStream 1.4.1

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