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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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## 1.22 args4j 2.0.12

## 1.23 ASM Commons 5.0.1

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## 1.24 ASM Core 3.3.1

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```
/**
```

```
* ASM: a very small and fast Java bytecode manipulation framework
```

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```

```
*/
```

```
package org.objectweb.asm;
```

```
/**
```

```
* A visitor to visit a Java annotation. The methods of this interface must be
```

```
* called in the following order: (<tt>visit<tt> | <tt>visitEnum<tt> |
```

```
* <tt>visitAnnotation<tt> | <tt>visitArray<tt>)* <tt>visitEnd<tt>.
```

```

*
* @author Eric Bruneton
* @author Eugene Kuleshov
*/
public interface AnnotationVisitor {

    /**
     * Visits a primitive value of the annotation.
     *
     * @param name the value name.
     * @param value the actual value, whose type must be { @link Byte},
     *     { @link Boolean}, { @link Character}, { @link Short},
     *     { @link Integer}, { @link Long}, { @link Float}, { @link Double},
     *     { @link String} or { @link Type}. This value can also be an array
     *     of byte, boolean, short, char, int, long, float or double values
     *     (this is equivalent to using { @link #visitArray visitArray} and
     *     visiting each array element in turn, but is more convenient).
     */
    void visit(String name, Object value);

    /**
     * Visits an enumeration value of the annotation.
     *
     * @param name the value name.
     * @param desc the class descriptor of the enumeration class.
     * @param value the actual enumeration value.
     */
    void visitEnum(String name, String desc, String value);

    /**
     * Visits a nested annotation value of the annotation.
     *
     * @param name the value name.
     * @param desc the class descriptor of the nested annotation class.
     * @return a visitor to visit the actual nested annotation value, or
     *     <tt>null</tt> if this visitor is not interested in visiting
     *     this nested annotation. <i>The nested annotation value must be
     *     fully visited before calling other methods on this annotation
     *     visitor</i>.
     */
    AnnotationVisitor visitAnnotation(String name, String desc);

    /**
     * Visits an array value of the annotation. Note that arrays of primitive
     * types (such as byte, boolean, short, char, int, long, float or double)
     * can be passed as value to { @link #visit visit}. This is what
     * { @link ClassReader} does.
     */

```

```

* @param name the value name.
* @return a visitor to visit the actual array value elements, or
* <tt>null</tt> if this visitor is not interested in visiting
* these values. The 'name' parameters passed to the methods of this
* visitor are ignored. <i>All the array values must be visited
* before calling other methods on this annotation visitor</i>.
*/
AnnotationVisitor visitArray(String name);

/**
* Visits the end of the annotation.
*/
void visitEnd();
}

```

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## 1.26 ASM helper Minidev 1.0.2

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## 1.29 AspectJ weaver 1.8.6



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## 1.31 bcprov-jdk15on 1.54

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## 1.32 Bean Validation API 1.1.0.Final

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)



Other developers who have contributed code are:

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Axis

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Cayenne

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Clerezza

Click

CloudStack

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Commons

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Curator  
CXF  
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DirectMemory  
Directory  
Empire-db  
Etch  
Felix  
Flex  
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Geronimo  
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Gora  
Gump  
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HBase  
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Jena  
JMeter  
JSPWiki  
jUDDI  
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Karaf  
Lenya  
Libcloud  
Logging  
Lucene  
Lucene.Net  
Lucy  
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ManifoldCF  
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Perl  
Pig  
Pivot  
POI  
Portals  
Qpid  
Rave  
River  
Roller  
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# 1.49 commons-configuration 1.10 :2013-10-21 henning

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/\* Jackson JSON-processor.

\*

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v 1.2

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Version 2.1, February 1999

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## 1.70 httpclient 4.2.3

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Jackson is a high-performance, Free/Open Source JSON processing library.



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Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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## 1.82 jackson-core 2.6.5

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```
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# 1.100 Java Servlet API 3.1.0

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```

```
package org.eclipse.jetty.http;
```

```
import java.io.IOException;
```

```
import org.eclipse.jetty.io.Buffer;  
import org.eclipse.jetty.io Buffers;  
import org.eclipse.jetty.io.ByteArrayBuffer;  
import org.eclipse.jetty.io.EndPoint;  
import org.eclipse.jetty.io.EOFException;  
import org.eclipse.jetty.io.View;  
import org.eclipse.jetty.util.log.Log;  
import org.eclipse.jetty.util.log.Logger;
```

```
/* ----- */  
/**  
 * Abstract Generator. Builds HTTP Messages.  
 */
```

```

* Currently this class uses a system parameter "jetty.direct.writers" to control
* two optional writer to byte conversions. buffer.writers=true will probably be
* faster, but will consume more memory. This option is just for testing and tuning.
*
*/
public abstract class AbstractGenerator implements Generator
{
    private static final Logger LOG = Log.getLogger(AbstractGenerator.class);

    // states
    public final static int STATE_HEADER = 0;
    public final static int STATE_CONTENT = 2;
    public final static int STATE_FLUSHING = 3;
    public final static int STATE_END = 4;

    public static final byte[] NO_BYTES = {};

    // data

    protected final Buffers _buffers; // source of buffers
    protected final EndPoint _endp;

    protected int _state = STATE_HEADER;

    protected int _status = 0;
    protected int _version = HttpVersions.HTTP_1_1_ORDINAL;
    protected Buffer _reason;
    protected Buffer _method;
    protected String _uri;

    protected long _contentWritten = 0;
    protected long _contentLength = HttpTokens.UNKNOWN_CONTENT;
    protected boolean _last = false;
    protected boolean _head = false;
    protected boolean _noContent = false;
    protected Boolean _persistent = null;

    protected Buffer _header; // Buffer for HTTP header (and maybe small _content)
    protected Buffer _buffer; // Buffer for copy of passed _content
    protected Buffer _content; // Buffer passed to addContent

    protected Buffer _date;

    private boolean _sendServerVersion;

    /* ----- */
    /**

```

```

* Constructor.
*
* @param buffers buffer pool
* @param io the end point
*/
public AbstractGenerator(Buffer buffers, EndPoint io)
{
    this._buffers = buffers;
    this._endp = io;
}

/* ----- */
public abstract boolean isRequest();

/* ----- */
public abstract boolean isResponse();

/* ----- */
public boolean isOpen()
{
    return _endp.isOpen();
}

/* ----- */
public void reset()
{
    _state = STATE_HEADER;
    _status = 0;
    _version = HttpVersions.HTTP_1_1_ORDINAL;
    _reason = null;
    _last = false;
    _head = false;
    _noContent=false;
    _persistent = null;
    _contentWritten = 0;
    _contentLength = HttpTokens.UNKNOWN_CONTENT;
    _date = null;

    _content = null;
    _method=null;
}

/* ----- */
public void returnBuffers()
{
    if (_buffer!=null && _buffer.length()==0)
    {
        _buffers.returnBuffer(_buffer);
    }
}

```

```

        _buffer=null;
    }

    if (_header!=null && _header.length()==0)
    {
        _buffers.returnBuffer(_header);
        _header=null;
    }
}

/* ----- */
public void resetBuffer()
{
    if(_state>=STATE_FLUSHING)
        throw new IllegalStateException("Flushed");

    _last = false;
    _persistent=null;
    _contentWritten = 0;
    _contentLength = HttpTokens.UNKNOWN_CONTENT;
    _content=null;
    if (_buffer!=null)
        _buffer.clear();
}

/* ----- */
/**
 * @return Returns the contentBufferSize.
 */
public int getContentBufferSize()
{
    if (_buffer==null)
        _buffer=_buffers.getBuffer();
    return _buffer.capacity();
}

/* ----- */
/**
 * @param contentBufferSize The contentBufferSize to set.
 */
public void increaseContentBufferSize(int contentBufferSize)
{
    if (_buffer==null)
        _buffer=_buffers.getBuffer();
    if (contentBufferSize > _buffer.capacity())
    {
        Buffer nb = _buffers.getBuffer(contentBufferSize);
        nb.put(_buffer);
    }
}

```

```

        _buffers.returnBuffer(_buffer);
        _buffer = nb;
    }
}

/* ----- */
public Buffer getUncheckedBuffer()
{
    return _buffer;
}

/* ----- */
public boolean getSendServerVersion ()
{
    return _sendServerVersion;
}

/* ----- */
public void setSendServerVersion (boolean sendServerVersion)
{
    _sendServerVersion = sendServerVersion;
}

/* ----- */
public int getState()
{
    return _state;
}

/* ----- */
public boolean isState(int state)
{
    return _state == state;
}

/* ----- */
public boolean isComplete()
{
    return _state == STATE_END;
}

/* ----- */
public boolean isIdle()
{
    return _state == STATE_HEADER && _method==null && _status==0;
}

/* ----- */

```

```

public boolean isCommitted()
{
    return _state != STATE_HEADER;
}

/* ----- */
/**
 * @return Returns the head.
 */
public boolean isHead()
{
    return _head;
}

/* ----- */
public void setContentLength(long value)
{
    if (value<0)
        _contentLength=HttpTokens.UNKNOWN_CONTENT;
    else
        _contentLength=value;
}

/* ----- */
/**
 * @param head The head to set.
 */
public void setHead(boolean head)
{
    _head = head;
}

/* ----- */
/**
 * @return <code>>false</code> if the connection should be closed after a request has been read,
 * <code>true</code> if it should be used for additional requests.
 */
public boolean isPersistent()
{
    return _persistent!=null
        ?_persistent.booleanValue()
        :(isRequest()?true:_version>HttpVersions.HTTP_1_0_ORDINAL);
}

/* ----- */
public void setPersistent(boolean persistent)
{
    _persistent=persistent;
}

```

```

}

/* ----- */
/**
 * @param version The version of the client the response is being sent to (NB. Not the version
 *       in the response, which is the version of the server).
 */
public void setVersion(int version)
{
    if (_state != STATE_HEADER)
        throw new IllegalStateException("STATE!=START "+_state);
    _version = version;
    if (_version==HttpVersions.HTTP_0_9_ORDINAL && _method!=null)
        _noContent=true;
}

/* ----- */
public int getVersion()
{
    return _version;
}

/* ----- */
/**
 * @see org.eclipse.jetty.http.Generator#setDate(org.eclipse.jetty.io.Buffer)
 */
public void setDate(Buffer timeStampBuffer)
{
    _date=timeStampBuffer;
}

/* ----- */
/**
 */
public void setRequest(String method, String uri)
{
    if (method==null || HttpMethods.GET.equals(method) )
        _method=HttpMethods.GET_BUFFER;
    else
        _method=HttpMethods.CACHE.lookup(method);
    _uri=uri;
    if (_version==HttpVersions.HTTP_0_9_ORDINAL)
        _noContent=true;
}

/* ----- */
/**
 * @param status The status code to send.

```



```

* @param reason the status message to send.
*/
public void setResponse(int status, String reason)
{
    if (_state != STATE_HEADER) throw new IllegalStateException("STATE!=START");
    _method=null;
    _status = status;
    if (reason!=null)
    {
        int len=reason.length();

        // TODO don't hard code
        if (len>1024)
            len=1024;
        _reason=new ByteBuffer(len);
        for (int i=0;i<len;i++)
        {
            char ch = reason.charAt(i);
            if (ch!='\r'&&ch!='\n')
                _reason.put((byte)ch);
            else
                _reason.put((byte)' ');
        }
    }
}

/* ----- */
/** Prepare buffer for unchecked writes.
 * Prepare the generator buffer to receive unchecked writes
 * @return the available space in the buffer.
 * @throws IOException
 */
public abstract int prepareUncheckedAddContent() throws IOException;

/* ----- */
void uncheckedAddContent(int b)
{
    _buffer.put((byte)b);
}

/* ----- */
public void completeUncheckedAddContent()
{
    if (_noContent)
    {
        if(_buffer!=null)
            _buffer.clear();
    }
}

```

```

else
{
    _contentWritten+=_buffer.length();
    if (_head)
        _buffer.clear();
}
}

/* ----- */
public boolean isBufferFull()
{
    if (_buffer != null && _buffer.space()==0)
    {
        if (_buffer.length()==0 && !_buffer.isImmutable())
            _buffer.compact();
        return _buffer.space()==0;
    }

    return _content!=null && _content.length()>0;
}

/* ----- */
public boolean isWritten()
{
    return _contentWritten>0;
}

/* ----- */
public boolean isAllContentWritten()
{
    return _contentLength>=0 && _contentWritten>=_contentLength;
}

/* ----- */
public abstract void completeHeader(HttpFields fields, boolean allContentAdded) throws IOException;

/* ----- */
/**
 * Complete the message.
 *
 * @throws IOException
 */
public void complete() throws IOException
{
    if (_state == STATE_HEADER)
    {
        throw new IllegalStateException("State==HEADER");
    }
}

```

```

if (_contentLength >= 0 && _contentLength != _contentWritten && !_head)
{
    if (LOG.isDebugEnabled())
        LOG.debug("ContentLength written=="+_contentWritten+" != contentLength=="+_contentLength);
    _persistent = false;
}
}

/* ----- */
public abstract int flushBuffer() throws IOException;

/* ----- */
public void flush(long maxIdleTime) throws IOException
{
    // block until everything is flushed
    long now=System.currentTimeMillis();
    long end=now+maxIdleTime;
    Buffer content = _content;
    Buffer buffer = _buffer;
    if (content!=null && content.length()>0 || buffer!=null && buffer.length()>0 || isBufferFull())
    {
        flushBuffer();

        while (now<end && (content!=null && content.length()>0 ||buffer!=null && buffer.length()>0) &&
_endp.isOpen()&& !_endp.isOutputShutdown())
        {
            blockForOutput(end-now);
            now=System.currentTimeMillis();
        }
    }
}

/* ----- */
/**
 * Utility method to send an error response. If the builder is not committed, this call is
 * equivalent to a setResponse, addContent and complete call.
 *
 * @param code The error code
 * @param reason The error reason
 * @param content Contents of the error page
 * @param close True if the connection should be closed
 * @throws IOException if there is a problem flushing the response
 */
public void sendError(int code, String reason, String content, boolean close) throws IOException
{
    if (close)

```

```

    _persistent=false;
if (isCommitted())
{
    LOG.debug("sendError on committed: {} {}",code,reason);
}
else
{
    LOG.debug("sendError: {} {}",code,reason);
    setResponse(code, reason);
    if (content != null)
    {
        completeHeader(null, false);
        addContent(new View(new ByteBuffer(content)), Generator.LAST);
    }
    else
    {
        completeHeader(null, true);
    }
    complete();
}
}

/* ----- */
/**
 * @return Returns the contentWritten.
 */
public long getContentWritten()
{
    return _contentWritten;
}

/* ----- */
public void blockForOutput(long maxIdleTime) throws IOException
{
    if (_endp.isBlocking())
    {
        try
        {
            flushBuffer();
        }
        catch(IOException e)
        {
            _endp.close();
            throw e;
        }
    }
}

```

```
else
{
  if (!_endp.blockWritable(maxIdleTime))
  {
    _endp.close();
    throw new EofException("timeout");
  }

  flushBuffer();
}
}
```

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19 May, 2009

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//
```

```
package org.eclipse.jetty.servlet;  
  
import java.io.FileNotFoundException;  
import java.io.IOException;  
import java.io.InputStream;  
import java.io.OutputStream;  
import java.net.MalformedURLException;  
import java.net.URL;  
import java.util.ArrayList;  
import java.util.Enumeration;  
import java.util.List;  
import java.util.Map;
```

```

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletContext;
import javax.servlet.ServletException;
import javax.servlet.UnavailableException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import org.eclipse.jetty.http.HttpContent;
import org.eclipse.jetty.http.HttpFields;
import org.eclipse.jetty.http.HttpHeaderValues;
import org.eclipse.jetty.http.HttpHeaders;
import org.eclipse.jetty.http.HttpMethods;
import org.eclipse.jetty.http.MimeTypes;
import org.eclipse.jetty.io.Buffer;
import org.eclipse.jetty.io.ByteArrayBuffer;
import org.eclipse.jetty.io.WriterOutputStream;
import org.eclipse.jetty.server.AbstractHttpConnection;
import org.eclipse.jetty.server.Connector;
import org.eclipse.jetty.server.Dispatcher;
import org.eclipse.jetty.server.HttpOutput;
import org.eclipse.jetty.server.InclusiveByteRange;
import org.eclipse.jetty.server.ResourceCache;
import org.eclipse.jetty.server.Response;
import org.eclipse.jetty.server.handler.ContextHandler;
import org.eclipse.jetty.server.nio.NIOConnector;
import org.eclipse.jetty.server.ssl.SslConnector;
import org.eclipse.jetty.util.IO;
import org.eclipse.jetty.util.MultiPartOutputStream;
import org.eclipse.jetty.util.URIUtil;
import org.eclipse.jetty.util.log.Log;
import org.eclipse.jetty.util.log.Logger;
import org.eclipse.jetty.util.resource.FileResource;
import org.eclipse.jetty.util.resource.Resource;
import org.eclipse.jetty.util.resource.ResourceCollection;
import org.eclipse.jetty.util.resource.ResourceFactory;

```

```

/* ----- */

```

```

/** The default servlet.

```

```

* This servlet, normally mapped to /, provides the handling for static
* content, OPTION and TRACE methods for the context.
* The following initParameters are supported, these can be set either
* on the servlet itself or as ServletContext initParameters with a prefix
* of org.eclipse.jetty.servlet.Default. :
* <PRE>

```

\* `acceptRanges` If true, range requests and responses are supported

\*  
\*

\* `dirAllowed` If true, directory listings are returned if no welcome file is found. Else 403 Forbidden.

\*  
\*

\* `welcomeServlets` If true, attempt to dispatch to welcome files that are servlets, but only after no matching static resources could be found. If false, then a welcome file must exist on disk. If "exact", then exact servlet matches are supported without an existing file. Default is true.

\*  
\*

\* This must be false if you want directory listings, but have `index.jsp` in your welcome file list.

\*  
\*

\* `redirectWelcome` If true, welcome files are redirected rather than forwarded to.

\*  
\*

\* `gzip` If set to true, then static content will be served as gzip content encoded if a matching resource is found ending with ".gz"

\*  
\*

\* `resourceBase` Set to replace the context resource base

\*  
\*

\* `resourceCache` If set, this is a context attribute name, which the servlet will use to look for a shared `ResourceCache` instance.

\*  
\*

\* `relativeResourceBase`

\* Set with a pathname relative to the base of the servlet context root. Useful for only serving static content out of only specific subdirectories.

\*  
\*

\* `pathInfoOnly` If true, only the path info will be applied to the `resourceBase`

\*  
\*

\* `stylesheet` Set with the location of an optional stylesheet that will be used to decorate the directory listing html.

\*  
\*

\* `aliases` If True, aliases of resources are allowed (eg. symbolic links and caps variations). May bypass security constraints.

\*  
\*

\* `maxCacheSize` The maximum total size of the cache or 0 for no cache.

\* `maxCachedFileSize` The maximum size of a file to cache

\* `maxCachedFiles` The maximum number of files to cache

\*  
\*

\* `useFileMappedBuffer`

\* If set to true, it will use mapped file buffer to serve static content when using NIO connector. Setting this value to false means that



```

*         a direct buffer will be used instead of a mapped file buffer.
*         By default, this is set to true.
*
* cacheControl    If set, all static content will have this value set as the cache-control
*                 header.
*
*
* </PRE>
*
*
*/

```

```

public class DefaultServlet extends HttpServlet implements ResourceFactory

```

```

{

```

```

    private static final Logger LOG = Log.getLogger(DefaultServlet.class);

```

```

    private static final long serialVersionUID = 4930458713846881193L;

```

```

    private ServletContext _servletContext;

```

```

    private ContextHandler _contextHandler;

```

```

    private boolean _acceptRanges=true;

```

```

    private boolean _dirAllowed=true;

```

```

    private boolean _welcomeServlets=false;

```

```

    private boolean _welcomeExactServlets=false;

```

```

    private boolean _redirectWelcome=false;

```

```

    private boolean _gzip=true;

```

```

    private boolean _pathInfoOnly=false;

```

```

    private Resource _resourceBase;

```

```

    private ResourceCache _cache;

```

```

    private MimeTypes _mimeTypes;

```

```

    private String[] _welcomes;

```

```

    private Resource _stylesheet;

```

```

    private boolean _useFileMappedBuffer=false;

```

```

    private ByteBuffer _cacheControl;

```

```

    private String _relativeResourceBase;

```

```

    private ServletHandler _servletHandler;

```

```

    private ServletHolder _defaultHolder;

```

```

    /* ----- */

```

```

    @Override

```

```

    public void init()

```

```

    throws UnavailableException

```

```

    {

```

```

        _servletContext=getServletContext();

```

```

_contextHandler = initContextHandler(_servletContext);

_mimeTypes = _contextHandler.getMimeTypes();

_welcomes = _contextHandler.getWelcomeFiles();
if (_welcomes==null)
    _welcomes=new String[] {"index.html","index.jsp"};

_acceptRanges=getInitBoolean("acceptRanges",_acceptRanges);
_dirAllowed=getInitBoolean("dirAllowed",_dirAllowed);
_redirectWelcome=getInitBoolean("redirectWelcome",_redirectWelcome);
_gzip=getInitBoolean("gzip",_gzip);
_pathInfoOnly=getInitBoolean("pathInfoOnly",_pathInfoOnly);

if ("exact".equals(getInitParameter("welcomeServlets")))
{
    _welcomeExactServlets=true;
    _welcomeServlets=false;
}
else
    _welcomeServlets=getInitBoolean("welcomeServlets", _welcomeServlets);

if (getInitParameter("aliases")!=null)
    _contextHandler.setAliases(getInitBoolean("aliases",false));

boolean aliases=_contextHandler.isAliases();
if (!aliases && !FileResource.getCheckAliases())
    throw new IllegalStateException("Alias checking disabled");
if (aliases)
    _servletContext.log("Aliases are enabled");

_useFileMappedBuffer=getInitBoolean("useFileMappedBuffer",_useFileMappedBuffer);

_relativeResourceBase = getInitParameter("relativeResourceBase");

String rb=getInitParameter("resourceBase");
if (rb!=null)
{
    if (_relativeResourceBase!=null)
        throw new UnavailableException("resourceBase & relativeResourceBase");
    try{_resourceBase=_contextHandler.newResource(rb);}
    catch (Exception e)
    {
        LOG.warn(Log.EXCEPTION,e);
        throw new UnavailableException(e.toString());
    }
}
}

```

```

String css=getInitParameter("stylesheet");
try
{
    if(css!=null)
    {
        _stylesheet = Resource.newResource(css);
        if(!_stylesheet.exists())
        {
            LOG.warn("!" + css);
            _stylesheet = null;
        }
    }
    if(_stylesheet == null)
    {
        _stylesheet = Resource.newResource(this.getClass().getResource("/jetty-dir.css"));
    }
}
catch(Exception e)
{
    LOG.warn(e.toString());
    LOG.debug(e);
}

String t=getInitParameter("cacheControl");
if (t!=null)
    _cacheControl=new ByteBuffer(t);

String resourceCache = getInitParameter("resourceCache");
int max_cache_size=getInitInt("maxCacheSize", -2);
int max_cached_file_size=getInitInt("maxCachedFileSize", -2);
int max_cached_files=getInitInt("maxCachedFiles", -2);
if (resourceCache!=null)
{
    if (max_cache_size!=-1 || max_cached_file_size!= -2 || max_cached_files!=-2)
        LOG.debug("ignoring resource cache configuration, using resourceCache attribute");
    if (_relativeResourceBase!=null || _resourceBase!=null)
        throw new UnavailableException("resourceCache specified with resource bases");
    _cache=(ResourceCache)_servletContext.getAttribute(resourceCache);

    LOG.debug("Cache {}={}",resourceCache,_cache);
}

try
{
    if (_cache==null && max_cached_files>0)
    {
        _cache= new ResourceCache(null,this,_mimeTypes,_useFileMappedBuffer);
    }
}

```

```

        if (max_cache_size>0)
            _cache.setMaxCacheSize(max_cache_size);
        if (max_cached_file_size>=-1)
            _cache.setMaxCachedFileSize(max_cached_file_size);
        if (max_cached_files>=-1)
            _cache.setMaxCachedFiles(max_cached_files);
    }
}
catch (Exception e)
{
    LOG.warn(Log.EXCEPTION,e);
    throw new UnavailableException(e.toString());
}

_servletHandler= (ServletHandler) _contextHandler.getChildHandlerByClass(ServletHandler.class);
for (ServletHolder h : _servletHandler.getServlets())
    if (h.getServletInstance()==this)
        _defaultHolder=h;

if (LOG.isDebugEnabled())
    LOG.debug("resource base = "+_resourceBase);
}

/**
 * Compute the field _contextHandler.<br/>
 * In the case where the DefaultServlet is deployed on the HttpService it is likely that
 * this method needs to be overwritten to unwrap the ServletContext facade until we reach
 * the original jetty's ContextHandler.
 * @param servletContext The servletContext of this servlet.
 * @return the jetty's ContextHandler for this servletContext.
 */
protected ContextHandler initContextHandler(ServletContext servletContext)
{
    ContextHandler.Context scontext=ContextHandler.getCurrentContext();
    if (scontext==null)
    {
        if (servletContext instanceof ContextHandler.Context)
            return ((ContextHandler.Context)servletContext).getContextHandler();
        else
            throw new IllegalArgumentException("The servletContext " + servletContext + " " +
                servletContext.getClass().getName() + " is not " + ContextHandler.Context.class.getName());
    }
    else
        return ContextHandler.getCurrentContext().getContextHandler();
}

/* ----- */
@Override

```

```

public String getInitParameter(String name)
{
    String value=getServletContext().getInitParameter("org.eclipse.jetty.servlet.Default."+name);
    if (value==null)
        value=super.getInitParameter(name);
    return value;
}

/* ----- */
private boolean getInitBoolean(String name, boolean dft)
{
    String value=getInitParameter(name);
    if (value==null || value.length()==0)
        return dft;
    return (value.startsWith("t")||
            value.startsWith("T")||
            value.startsWith("y")||
            value.startsWith("Y")||
            value.startsWith("1"));
}

/* ----- */
private int getInitInt(String name, int dft)
{
    String value=getInitParameter(name);
    if (value==null)
        value=getInitParameter(name);
    if (value!=null && value.length(>0))
        return Integer.parseInt(value);
    return dft;
}

/* ----- */
/** get Resource to serve.
 * Map a path to a resource. The default implementation calls
 * HttpContext.getResource but derived servlets may provide
 * their own mapping.
 * @param pathInContext The path to find a resource for.
 * @return The resource to serve.
 */
public Resource getResource(String pathInContext)
{
    Resource r=null;
    if (_relativeResourceBase!=null)
        pathInContext=URIUtil.addPaths(_relativeResourceBase,pathInContext);

    try
    {

```

```

if (_resourceBase!=null)
{
    r = _resourceBase.addPath(pathInContext);
}
else
{
    URL u = _servletContext.getResource(pathInContext);
    r = _contextHandler.newResource(u);
}

if (LOG.isDebugEnabled())
    LOG.debug("Resource "+pathInContext+"="+r);
}
catch (IOException e)
{
    LOG.ignore(e);
}

if((r==null || !r.exists()) && pathInContext.endsWith("/jetty-dir.css"))
    r=_stylesheet;

return r;
}

/* ----- */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException
{
    String servletPath=null;
    String pathInfo=null;
    Enumeration<String> reqRanges = null;
    Boolean included =request.getAttribute(Dispatcher.INCLUDE_REQUEST_URI)!=null;
    if (included!=null && included.booleanValue())
    {
        servletPath=(String)request.getAttribute(Dispatcher.INCLUDE_SERVLET_PATH);
        pathInfo=(String)request.getAttribute(Dispatcher.INCLUDE_PATH_INFO);
        if (servletPath==null)
        {
            servletPath=request.getServletPath();
            pathInfo=request.getPathInfo();
        }
    }
    else
    {
        included = Boolean.FALSE;
        servletPath = _pathInfoOnly?"":request.getServletPath();
        pathInfo = request.getPathInfo();
    }
}

```

```

// Is this a Range request?
reqRanges = request.getHeaders(Headers.RANGE);
if (!hasDefinedRange(reqRanges))
    reqRanges = null;
}

String pathInContext=URIUtil.addPaths(servletPath,pathInfo);
boolean endsWithSlash=(pathInfo==null?request.getServletPath():pathInfo).endsWith(URIUtil.SLASH);

// Can we gzip this request?
String pathInContextGz=null;
boolean gzip=false;
if (!included.booleanValue() && !_gzip && reqRanges==null && !endsWithSlash )
{
    // Tell caches that response may vary by accept-encoding
    response.setHeader(Headers.VARY,Headers.ACCEPT_ENCODING);
    // Should we vary this response according to accept-encoding?
    String accept=request.getHeader(Headers.ACCEPT_ENCODING);
    if (accept!=null && accept.indexOf("gzip")>=0)
        gzip=true;
}

// Find the resource and content
Resource resource=null;
HttpContent content=null;

try
{
    // Try gzipped content first
    if (gzip)
    {
        pathInContextGz=pathInContext+".gz";

        if (_cache==null)
        {
            resource=getResource(pathInContextGz);
        }
        else
        {
            content=_cache.lookup(pathInContextGz);
            resource=(content==null)?null:content.getResource();
        }

        if (resource==null || !resource.exists() || resource.isDirectory())
        {
            gzip=false;
            pathInContextGz=null;
        }
    }
}

```

```

    }
}

// find resource
if (!gzip)
{
    if (_cache==null)
        resource=getResource(pathInContext);
    else
    {
        content=_cache.lookup(pathInContext);
        resource=content==null?null:content.getResource();
    }
}

if (LOG.isDebugEnabled())
    LOG.debug("uri="+request.getRequestURI()+" resource="+resource+(content!=null?" content":""));

// Handle resource
if (resource==null || !resource.exists())
{
    if (included)
        throw new FileNotFoundException("!" + pathInContext);
    response.sendError(HttpServletResponse.SC_NOT_FOUND);
}
else if (!resource.isDirectory())
{
    if (endsWithSlash && _contextHandler.isAliases() && pathInContext.length()>1)
    {
        String q=request.getQueryString();
        pathInContext=pathInContext.substring(0,pathInContext.length()-1);
        if (q!=null&&q.length()!>0)
            pathInContext+="?" +q;
        response.sendRedirect(response.encodeRedirectURL(URIUtil.addPaths(_servletContext.getContextPath(),pathInContext)));
    }
    else
    {
        // ensure we have content
        if (content==null)
            content=new
HttpContent.ResourceAsHttpContent(resource,_mimeTypes.getMimeByExtension(resource.toString()),response.get
BufferSize());

        if (included.booleanValue() || passConditionalHeaders(request,response, resource,content))
        {
            if (gzip)
            {

```



```

        response.setHeader(HttpHeaders.CONTENT_ENCODING,"gzip");
        String mt=_servletContext.getMimeType(pathInContext);
        if (mt!=null)
            response.setContentType(mt);
    }
    sendData(request,response,included.booleanValue(),resource,content,reqRanges);
}
}
}
else
{
    String welcome=null;

    if (!endsWithSlash || (pathInContext.length()==1 &&
request.getAttribute("org.eclipse.jetty.server.nullPathInfo")!=null))
    {
        StringBuffer buf=request.getRequestURL();
        synchronized(buf)
        {
            int param=buf.lastIndexOf(";");
            if (param<0)
                buf.append('/');
            else
                buf.insert(param, '/');
            String q=request.getQueryString();
            if (q!=null&&q.length()!=0)
            {
                buf.append('?');
                buf.append(q);
            }
            response.setContentLength(0);
            response.sendRedirect(response.encodeRedirectURL(buf.toString()));
        }
    }
    // else look for a welcome file
    else if (null!=(welcome=getWelcomeFile(pathInContext)))
    {
        LOG.debug("welcome={}",welcome);
        if (_redirectWelcome)
        {
            // Redirect to the index
            response.setContentLength(0);
            String q=request.getQueryString();
            if (q!=null&&q.length()!=0)
                response.sendRedirect(response.encodeRedirectURL(URIUtil.addPaths(
_servletContext.getContextPath(),welcome)+"?" +q));
            else
                response.sendRedirect(response.encodeRedirectURL(URIUtil.addPaths(

```

```

_servletContext.getContextPath(),welcome));
    }
    else
    {
        // Forward to the index
        RequestDispatcher dispatcher=request.getRequestDispatcher(welcome);
        if (dispatcher!=null)
        {
            if (included.booleanValue())
                dispatcher.include(request,response);
            else
            {
                request.setAttribute("org.eclipse.jetty.server.welcome",welcome);
                dispatcher.forward(request,response);
            }
        }
    }
}
else
{
    content=new
HttpContent.ResourceAsHttpContent(resource,_mimeTypes.getMimeByExtension(resource.toString()));
    if (included.booleanValue() || passConditionalHeaders(request,response, resource,content))
        sendDirectory(request,response,resource,pathInContext);
}
}
}
catch(IllegalArgumentException e)
{
    LOG.warn(Log.EXCEPTION,e);
    if(!response.isCommitted())
        response.sendError(500, e.getMessage());
}
finally
{
    if (content!=null)
        content.release();
    else if (resource!=null)
        resource.release();
}
}

/*-----*/
private boolean hasDefinedRange(Enumeration<String> reqRanges)
{
    return (reqRanges!=null && reqRanges.hasMoreElements());
}
}

```

```

/* ----- */
@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException
{
    doGet(request,response);
}

/* ----- */
/* (non-Javadoc)
 * @see javax.servlet.http.HttpServlet#doTrace(javax.servlet.http.HttpServletRequest,
javax.servlet.http.HttpServletResponse)
 */
@Override
protected void doTrace(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException
{
    resp.sendError(HttpServletResponse.SC_METHOD_NOT_ALLOWED);
}

/* ----- */
@Override
protected void doOptions(HttpServletRequest req, HttpServletResponse resp)
throws ServletException, IOException
{
    resp.setHeader("Allow", "GET,HEAD,POST,OPTIONS");
}

/* ----- */
/**
 * Finds a matching welcome file for the supplied { @link Resource}. This will be the first entry in the list of
 * configured { @link #_welcomes welcome files} that existing within the directory referenced by the
 <code>Resource</code>.
 * If the resource is not a directory, or no matching file is found, then it may look for a valid servlet mapping.
 * If there is none, then <code>null</code> is returned.
 * The list of welcome files is read from the { @link ContextHandler} for this servlet, or
 * <code>"index.jsp" , "index.html"</code> if that is <code>null</code>.
 * @param resource
 * @return The path of the matching welcome file in context or null.
 * @throws IOException
 * @throws MalformedURLException
 */
private String getWelcomeFile(String pathInContext) throws MalformedURLException, IOException
{
    if (_welcomes==null)
        return null;

    String welcome_servlet=null;

```

```

for (int i=0;i<_welcomes.length;i++)
{
    String welcome_in_context=URIUtil.addPaths(pathInContext,_welcomes[i]);
    Resource welcome=getResource(welcome_in_context);
    if (welcome!=null && welcome.exists())
        return _welcomes[i];

    if ((_welcomeServlets || _welcomeExactServlets) && welcome_servlet==null)
    {
        Map.Entry entry=_servletHandler.getHolderEntry(welcome_in_context);
        if (entry!=null && entry.getValue()!=_defaultHolder &&
            (_welcomeServlets || (_welcomeExactServlets && entry.getKey().equals(welcome_in_context))))
            welcome_servlet=welcome_in_context;
    }
}
return welcome_servlet;
}

/* ----- */
/* Check modification date headers.
*/
protected boolean passConditionalHeaders(HttpServletRequest request,HttpServletResponse response, Resource
resource, HttpContent content)
throws IOException
{
    try
    {
        if (!request.getMethod().equals(HttpMethods.HEAD) )
        {
            String ifms=request.getHeader(HttpHeaders.IF_MODIFIED_SINCE);
            if (ifms!=null)
            {
                //Get jetty's Response impl
                Response r = Response.getResponse(response);

                if (content!=null)
                {
                    Buffer mdlm=content.getLastModified();
                    if (mdlm!=null)
                    {
                        if (ifms.equals(mdlm.toString()))
                        {
                            r.reset(true);
                            r.setStatus(HttpServletResponse.SC_NOT_MODIFIED);
                            r.flushBuffer();
                            return false;
                        }
                    }
                }
            }
        }
    }
}

```

```

    }
}

long ifmsl=request.getDateHeader(HttpHeaders.IF_MODIFIED_SINCE);
if (ifmsl!=-1)
{
    if (resource.lastModified()/1000 <= ifmsl/1000)
    {
        r.reset(true);
        r.setStatus(HttpServletResponse.SC_NOT_MODIFIED);
        r.flushBuffer();
        return false;
    }
}

// Parse the if[un]modified dates and compare to resource
long date=request.getDateHeader(HttpHeaders.IF_UNMODIFIED_SINCE);

if (date!=-1)
{
    if (resource.lastModified()/1000 > date/1000)
    {
        response.sendError(HttpServletResponse.SC_PRECONDITION_FAILED);
        return false;
    }
}

}
}
catch(IllegalArgumentException iae)
{
    if(!response.isCommitted())
        response.sendError(400, iae.getMessage());
    throw iae;
}
return true;
}

/* ----- */
protected void sendDirectory(HttpServletRequest request,
    HttpServletResponse response,
    Resource resource,
    String pathInContext)
throws IOException
{
    if (!_dirAllowed)

```

```

    {
        response.sendError(HttpServletResponse.SC_FORBIDDEN);
        return;
    }

byte[] data=null;
String base = URIUtil.addPaths(request.getRequestURI(),URIUtil.SLASH);

//If the DefaultServlet has a resource base set, use it
if (_resourceBase != null)
{
    // handle ResourceCollection
    if (_resourceBase instanceof ResourceCollection)
        resource=_resourceBase.addPath(pathInContext);
}
//Otherwise, try using the resource base of its enclosing context handler
else if (_contextHandler.getBaseResource() instanceof ResourceCollection)
    resource=_contextHandler.getBaseResource().addPath(pathInContext);

String dir = resource.getListHTML(base,pathInContext.length(>1);
if (dir==null)
{
    response.sendError(HttpServletResponse.SC_FORBIDDEN,
        "No directory");
    return;
}

data=dir.getBytes("UTF-8");
response.setContentType("text/html; charset=UTF-8");
response.setContentLength(data.length);
response.getOutputStream().write(data);
}

/* ----- */
protected void sendData(HttpServletRequest request,
    HttpServletResponse response,
    boolean include,
    Resource resource,
    HttpContent content,
    Enumeration reqRanges)
throws IOException
{
    boolean direct;
    long content_length;
    if (content==null)
    {
        direct=false;
        content_length=resource.length();
    }

```

```

    }
    else
    {
        Connector connector = AbstractHttpConnection.getCurrentConnection().getConnector();
        direct=connector instanceof NIOConnector && ((NIOConnector)connector).getUseDirectBuffers() &&
!(connector instanceof SslConnector);
        content_length=content.getContentLength();
    }

    // Get the output stream (or writer)
    OutputStream out =null;
    boolean written;
    try
    {
        out = response.getOutputStream();

        // has a filter already written to the response?
        written = out instanceof HttpOutput
            ? ((HttpOutput)out).isWritten()
            : AbstractHttpConnection.getCurrentConnection().getGenerator().isWritten();
    }
    catch(IllegalStateException e)
    {
        out = new WriterOutputStream(response.getWriter());
        written=true; // there may be data in writer buffer, so assume written
    }

    if ( reqRanges == null || !reqRanges.hasMoreElements() || content_length<0)
    {
        // if there were no ranges, send entire entity
        if (include)
        {
            resource.writeTo(out,0,content_length);
        }
        else
        {
            // See if a direct methods can be used?
            if (content!=null && !written && out instanceof HttpOutput)
            {
                if (response instanceof Response)
                {
                    writeOptionHeaders(((Response)response).getHttpFields());
                    ((AbstractHttpConnection.Output)out).sendContent(content);
                }
                else
                {
                    Buffer buffer = direct?content.getDirectBuffer():content.getIndirectBuffer();

```

```

        if (buffer!=null)
        {
            writeHeaders(response,content,content_length);
            ((AbstractHttpConnection.Output)out).sendContent(buffer);
        }
        else
        {
            writeHeaders(response,content,content_length);
            resource.writeTo(out,0,content_length);
        }
    }
}
else
{
    // Write headers normally
    writeHeaders(response,content,written?-1:content_length);

    // Write content normally
    Buffer buffer = (content==null)?null:content.getIndirectBuffer();
    if (buffer!=null)
        buffer.writeTo(out);
    else
        resource.writeTo(out,0,content_length);
}
}
else
{
    // Parse the satisfiable ranges
    List ranges =InclusiveByteRange.satisfiableRanges(reqRanges,content_length);

    // if there are no satisfiable ranges, send 416 response
    if (ranges==null || ranges.size()==0)
    {
        writeHeaders(response, content, content_length);
        response.setStatus(HttpServletResponse.SC_REQUESTED_RANGE_NOT_SATISFIABLE);
        response.setHeader(HttpHeaders.CONTENT_RANGE,
            InclusiveByteRange.to416HeaderRangeString(content_length));
        resource.writeTo(out,0,content_length);
        return;
    }

    // if there is only a single valid range (must be satisfiable
    // since were here now), send that range with a 216 response
    if ( ranges.size()== 1)
    {
        InclusiveByteRange singleSatisfiableRange =
            (InclusiveByteRange)ranges.get(0);
    }
}
}

```



```

    long singleLength = singleSatisfiableRange.getSize(content_length);
    writeHeaders(response,content,singleLength
                );
    response.setStatus(HttpServletResponse.SC_PARTIAL_CONTENT);
    response.setHeader(HttpHeaders.CONTENT_RANGE,
        singleSatisfiableRange.toHeaderRangeString(content_length));
    resource.writeTo(out,singleSatisfiableRange.getFirst(content_length),singleLength);
    return;
}

// multiple non-overlapping valid ranges cause a multipart
// 216 response which does not require an overall
// content-length header
//
writeHeaders(response,content,-1);
String mimeType=content.getContentType().toString();
MultiPartOutputStream multi = new MultiPartOutputStream(out);
response.setStatus(HttpServletResponse.SC_PARTIAL_CONTENT);

// If the request has a "Request-Range" header then we need to
// send an old style multipart/x-byteranges Content-Type. This
// keeps Netscape and acrobat happy. This is what Apache does.
String ctp;
if (request.getHeader(HttpHeaders.REQUEST_RANGE)!=null)
    ctp = "multipart/x-byteranges; boundary=";
else
    ctp = "multipart/byteranges; boundary=";
response.setContentType(ctp+multi.getBoundary());

InputStream in=resource.getInputStream();
long pos=0;

// calculate the content-length
int length=0;
String[] header = new String[ranges.size()];
for (int i=0;i<ranges.size();i++)
{
    InclusiveByteRange ibr = (InclusiveByteRange) ranges.get(i);
    header[i]=ibr.toHeaderRangeString(content_length);
    length+=
        ((i>0)?2:0)+
        2+multi.getBoundary().length()+2+
        HttpHeaders.CONTENT_TYPE.length()+2+mimeType.length()+2+
        HttpHeaders.CONTENT_RANGE.length()+2+header[i].length()+2+
        2+
        (ibr.getLast(content_length)-ibr.getFirst(content_length))+1;
}
length+=2+2+multi.getBoundary().length()+2+2;
response.setContentLength(length);

```

```

for (int i=0;i<ranges.size();i++)
{
    InclusiveByteRange ibr = (InclusiveByteRange) ranges.get(i);
    multi.startPart(mimetype,new String[]{HttpHeaders.CONTENT_RANGE+": "+header[i]});

    long start=ibr.getFirst(content_length);
    long size=ibr.getSize(content_length);
    if (in!=null)
    {
        // Handle non cached resource
        if (start<pos)
        {
            in.close();
            in=resource.getInputStream();
            pos=0;
        }
        if (pos<start)
        {
            in.skip(start-pos);
            pos=start;
        }
        IO.copy(in,multi,size);
        pos+=size;
    }
    else
        // Handle cached resource
        (resource).writeTo(multi,start,size);

}
if (in!=null)
    in.close();
multi.close();
}
return;
}

/* ----- */
protected void writeHeaders(HttpServletResponse response,HttpContent content,long count)
throws IOException
{
    if (content.getContentType()!=null && response.getContentType()==null)
        response.setContentType(content.getContentType().toString());

    if (response instanceof Response)
    {
        Response r=(Response)response;
        HttpFields fields = r.getHttpFields();
    }
}

```

```

    if (content.getLastModified()!=null)
        fields.put(HttpHeaders.LAST_MODIFIED_BUFFER,content.getLastModified());
    else if (content.getResource()!=null)
    {
        long lml=content.getResource().lastModified();
        if (lml!=-1)
            fields.putDateField(HttpHeaders.LAST_MODIFIED_BUFFER,lml);
    }

    if (count != -1)
        r.setLongContentLength(count);

    writeOptionHeaders(fields);
}
else
{
    long lml=content.getResource().lastModified();
    if (lml>=0)
        response.setDateHeader(HttpHeaders.LAST_MODIFIED,lml);

    if (count != -1)
    {
        if (count<Integer.MAX_VALUE)
            response.setContentLength((int)count);
        else
            response.setHeader(HttpHeaders.CONTENT_LENGTH,Long.toString(count));
    }

    writeOptionHeaders(response);
}
}

/* ----- */
protected void writeOptionHeaders(HttpFields fields) throws IOException
{
    if (_acceptRanges)
        fields.put(HttpHeaders.ACCEPT_RANGES_BUFFER,HttpHeaderValues.BYTES_BUFFER);

    if (_cacheControl!=null)
        fields.put(HttpHeaders.CACHE_CONTROL_BUFFER,_cacheControl);
}

/* ----- */
protected void writeOptionHeaders(HttpServletResponse response) throws IOException
{
    if (_acceptRanges)
        response.setHeader(HttpHeaders.ACCEPT_RANGES,"bytes");
}

```

```

    if (_cacheControl!=null)
        response.setHeader(HttpHeaders.CACHE_CONTROL,_cacheControl.toString());
}

/*-----*/
/*
 * @see javax.servlet.Servlet#destroy()
 */
@Override
public void destroy()
{
    if (_cache!=null)
        _cache.flushCache();
    super.destroy();
}
}

```

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19 May, 2009

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# 1.174 jumi-actors 0.1.196



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# 1.175 log4j 1.2.17

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