| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ZipEntry.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/util/zip/InflaterOutputStream.html)   [**NEXT CLASS**](http://docs.google.com/java/util/zip/ZipError.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/zip/ZipEntry.html)    [**NO FRAMES**](http://docs.google.com/ZipEntry.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#46r0co2) | [METHOD](#3l18frh) |

## **java.util.zip**

Class ZipEntry

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.util.zip.ZipEntry**

**All Implemented Interfaces:** [Cloneable](http://docs.google.com/java/lang/Cloneable.html) **Direct Known Subclasses:** [JarEntry](http://docs.google.com/java/util/jar/JarEntry.html)

public class **ZipEntry**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Cloneable](http://docs.google.com/java/lang/Cloneable.html)

This class is used to represent a ZIP file entry.

| **Field Summary** | |
| --- | --- |
| static int | [**CENATT**](http://docs.google.com/java/util/zip/ZipEntry.html#CENATT) |
| static int | [**CENATX**](http://docs.google.com/java/util/zip/ZipEntry.html#CENATX) |
| static int | [**CENCOM**](http://docs.google.com/java/util/zip/ZipEntry.html#CENCOM) |
| static int | [**CENCRC**](http://docs.google.com/java/util/zip/ZipEntry.html#CENCRC) |
| static int | [**CENDSK**](http://docs.google.com/java/util/zip/ZipEntry.html#CENDSK) |
| static int | [**CENEXT**](http://docs.google.com/java/util/zip/ZipEntry.html#CENEXT) |
| static int | [**CENFLG**](http://docs.google.com/java/util/zip/ZipEntry.html#CENFLG) |
| static int | [**CENHDR**](http://docs.google.com/java/util/zip/ZipEntry.html#CENHDR) |
| static int | [**CENHOW**](http://docs.google.com/java/util/zip/ZipEntry.html#CENHOW) |
| static int | [**CENLEN**](http://docs.google.com/java/util/zip/ZipEntry.html#CENLEN) |
| static int | [**CENNAM**](http://docs.google.com/java/util/zip/ZipEntry.html#CENNAM) |
| static int | [**CENOFF**](http://docs.google.com/java/util/zip/ZipEntry.html#CENOFF) |
| static long | [**CENSIG**](http://docs.google.com/java/util/zip/ZipEntry.html#CENSIG) |
| static int | [**CENSIZ**](http://docs.google.com/java/util/zip/ZipEntry.html#CENSIZ) |
| static int | [**CENTIM**](http://docs.google.com/java/util/zip/ZipEntry.html#CENTIM) |
| static int | [**CENVEM**](http://docs.google.com/java/util/zip/ZipEntry.html#CENVEM) |
| static int | [**CENVER**](http://docs.google.com/java/util/zip/ZipEntry.html#CENVER) |
| static int | [**DEFLATED**](http://docs.google.com/java/util/zip/ZipEntry.html#DEFLATED)            Compression method for compressed (deflated) entries. |
| static int | [**ENDCOM**](http://docs.google.com/java/util/zip/ZipEntry.html#ENDCOM) |
| static int | [**ENDHDR**](http://docs.google.com/java/util/zip/ZipEntry.html#ENDHDR) |
| static int | [**ENDOFF**](http://docs.google.com/java/util/zip/ZipEntry.html#ENDOFF) |
| static long | [**ENDSIG**](http://docs.google.com/java/util/zip/ZipEntry.html#ENDSIG) |
| static int | [**ENDSIZ**](http://docs.google.com/java/util/zip/ZipEntry.html#ENDSIZ) |
| static int | [**ENDSUB**](http://docs.google.com/java/util/zip/ZipEntry.html#ENDSUB) |
| static int | [**ENDTOT**](http://docs.google.com/java/util/zip/ZipEntry.html#ENDTOT) |
| static int | [**EXTCRC**](http://docs.google.com/java/util/zip/ZipEntry.html#EXTCRC) |
| static int | [**EXTHDR**](http://docs.google.com/java/util/zip/ZipEntry.html#EXTHDR) |
| static int | [**EXTLEN**](http://docs.google.com/java/util/zip/ZipEntry.html#EXTLEN) |
| static long | [**EXTSIG**](http://docs.google.com/java/util/zip/ZipEntry.html#EXTSIG) |
| static int | [**EXTSIZ**](http://docs.google.com/java/util/zip/ZipEntry.html#EXTSIZ) |
| static int | [**LOCCRC**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCCRC) |
| static int | [**LOCEXT**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCEXT) |
| static int | [**LOCFLG**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCFLG) |
| static int | [**LOCHDR**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCHDR) |
| static int | [**LOCHOW**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCHOW) |
| static int | [**LOCLEN**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCLEN) |
| static int | [**LOCNAM**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCNAM) |
| static long | [**LOCSIG**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCSIG) |
| static int | [**LOCSIZ**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCSIZ) |
| static int | [**LOCTIM**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCTIM) |
| static int | [**LOCVER**](http://docs.google.com/java/util/zip/ZipEntry.html#LOCVER) |
| static int | [**STORED**](http://docs.google.com/java/util/zip/ZipEntry.html#STORED)            Compression method for uncompressed entries. |

| **Constructor Summary** | |
| --- | --- |
| [**ZipEntry**](http://docs.google.com/java/util/zip/ZipEntry.html#ZipEntry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Creates a new zip entry with the specified name. |
| [**ZipEntry**](http://docs.google.com/java/util/zip/ZipEntry.html#ZipEntry(java.util.zip.ZipEntry))([ZipEntry](http://docs.google.com/java/util/zip/ZipEntry.html) e)            Creates a new zip entry with fields taken from the specified zip entry. |

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**clone**](http://docs.google.com/java/util/zip/ZipEntry.html#clone())()            Returns a copy of this entry. |
| [String](http://docs.google.com/java/lang/String.html) | [**getComment**](http://docs.google.com/java/util/zip/ZipEntry.html#getComment())()            Returns the comment string for the entry, or null if none. |
| long | [**getCompressedSize**](http://docs.google.com/java/util/zip/ZipEntry.html#getCompressedSize())()            Returns the size of the compressed entry data, or -1 if not known. |
| long | [**getCrc**](http://docs.google.com/java/util/zip/ZipEntry.html#getCrc())()            Returns the CRC-32 checksum of the uncompressed entry data, or -1 if not known. |
| byte[] | [**getExtra**](http://docs.google.com/java/util/zip/ZipEntry.html#getExtra())()            Returns the extra field data for the entry, or null if none. |
| int | [**getMethod**](http://docs.google.com/java/util/zip/ZipEntry.html#getMethod())()            Returns the compression method of the entry, or -1 if not specified. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/java/util/zip/ZipEntry.html#getName())()            Returns the name of the entry. |
| long | [**getSize**](http://docs.google.com/java/util/zip/ZipEntry.html#getSize())()            Returns the uncompressed size of the entry data, or -1 if not known. |
| long | [**getTime**](http://docs.google.com/java/util/zip/ZipEntry.html#getTime())()            Returns the modification time of the entry, or -1 if not specified. |
| int | [**hashCode**](http://docs.google.com/java/util/zip/ZipEntry.html#hashCode())()            Returns the hash code value for this entry. |
| boolean | [**isDirectory**](http://docs.google.com/java/util/zip/ZipEntry.html#isDirectory())()            Returns true if this is a directory entry. |
| void | [**setComment**](http://docs.google.com/java/util/zip/ZipEntry.html#setComment(java.lang.String))([String](http://docs.google.com/java/lang/String.html) comment)            Sets the optional comment string for the entry. |
| void | [**setCompressedSize**](http://docs.google.com/java/util/zip/ZipEntry.html#setCompressedSize(long))(long csize)            Sets the size of the compressed entry data. |
| void | [**setCrc**](http://docs.google.com/java/util/zip/ZipEntry.html#setCrc(long))(long crc)            Sets the CRC-32 checksum of the uncompressed entry data. |
| void | [**setExtra**](http://docs.google.com/java/util/zip/ZipEntry.html#setExtra(byte%5B%5D))(byte[] extra)            Sets the optional extra field data for the entry. |
| void | [**setMethod**](http://docs.google.com/java/util/zip/ZipEntry.html#setMethod(int))(int method)            Sets the compression method for the entry. |
| void | [**setSize**](http://docs.google.com/java/util/zip/ZipEntry.html#setSize(long))(long size)            Sets the uncompressed size of the entry data. |
| void | [**setTime**](http://docs.google.com/java/util/zip/ZipEntry.html#setTime(long))(long time)            Sets the modification time of the entry. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/util/zip/ZipEntry.html#toString())()            Returns a string representation of the ZIP entry. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### STORED

public static final int **STORED**

Compression method for uncompressed entries.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.STORED)

### DEFLATED

public static final int **DEFLATED**

Compression method for compressed (deflated) entries.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.DEFLATED)

### LOCSIG

public static final long **LOCSIG**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCSIG)

### EXTSIG

public static final long **EXTSIG**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.EXTSIG)

### CENSIG

public static final long **CENSIG**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENSIG)

### ENDSIG

public static final long **ENDSIG**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.ENDSIG)

### LOCHDR

public static final int **LOCHDR**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCHDR)

### EXTHDR

public static final int **EXTHDR**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.EXTHDR)

### CENHDR

public static final int **CENHDR**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENHDR)

### ENDHDR

public static final int **ENDHDR**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.ENDHDR)

### LOCVER

public static final int **LOCVER**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCVER)

### LOCFLG

public static final int **LOCFLG**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCFLG)

### LOCHOW

public static final int **LOCHOW**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCHOW)

### LOCTIM

public static final int **LOCTIM**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCTIM)

### LOCCRC

public static final int **LOCCRC**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCCRC)

### LOCSIZ

public static final int **LOCSIZ**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCSIZ)

### LOCLEN

public static final int **LOCLEN**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCLEN)

### LOCNAM

public static final int **LOCNAM**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCNAM)

### LOCEXT

public static final int **LOCEXT**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.LOCEXT)

### EXTCRC

public static final int **EXTCRC**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.EXTCRC)

### EXTSIZ

public static final int **EXTSIZ**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.EXTSIZ)

### EXTLEN

public static final int **EXTLEN**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.EXTLEN)

### CENVEM

public static final int **CENVEM**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENVEM)

### CENVER

public static final int **CENVER**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENVER)

### CENFLG

public static final int **CENFLG**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENFLG)

### CENHOW

public static final int **CENHOW**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENHOW)

### CENTIM

public static final int **CENTIM**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENTIM)

### CENCRC

public static final int **CENCRC**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENCRC)

### CENSIZ

public static final int **CENSIZ**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENSIZ)

### CENLEN

public static final int **CENLEN**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENLEN)

### CENNAM

public static final int **CENNAM**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENNAM)

### CENEXT

public static final int **CENEXT**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENEXT)

### CENCOM

public static final int **CENCOM**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENCOM)

### CENDSK

public static final int **CENDSK**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENDSK)

### CENATT

public static final int **CENATT**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENATT)

### CENATX

public static final int **CENATX**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENATX)

### CENOFF

public static final int **CENOFF**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.CENOFF)

### ENDSUB

public static final int **ENDSUB**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.ENDSUB)

### ENDTOT

public static final int **ENDTOT**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.ENDTOT)

### ENDSIZ

public static final int **ENDSIZ**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.ENDSIZ)

### ENDOFF

public static final int **ENDOFF**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.ENDOFF)

### ENDCOM

public static final int **ENDCOM**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.util.zip.ZipEntry.ENDCOM)

| **Constructor Detail** |
| --- |

### ZipEntry

public **ZipEntry**([String](http://docs.google.com/java/lang/String.html) name)

Creates a new zip entry with the specified name.

**Parameters:**name - the entry name **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if the entry name is null [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the entry name is longer than 0xFFFF bytes

### ZipEntry

public **ZipEntry**([ZipEntry](http://docs.google.com/java/util/zip/ZipEntry.html) e)

Creates a new zip entry with fields taken from the specified zip entry.

**Parameters:**e - a zip Entry object

| **Method Detail** |
| --- |

### getName

public [String](http://docs.google.com/java/lang/String.html) **getName**()

Returns the name of the entry.

**Returns:**the name of the entry

### setTime

public void **setTime**(long time)

Sets the modification time of the entry.

**Parameters:**time - the entry modification time in number of milliseconds since the epoch**See Also:**[getTime()](http://docs.google.com/java/util/zip/ZipEntry.html#getTime())

### getTime

public long **getTime**()

Returns the modification time of the entry, or -1 if not specified.

**Returns:**the modification time of the entry, or -1 if not specified**See Also:**[setTime(long)](http://docs.google.com/java/util/zip/ZipEntry.html#setTime(long))

### setSize

public void **setSize**(long size)

Sets the uncompressed size of the entry data.

**Parameters:**size - the uncompressed size in bytes **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the specified size is less than 0 or greater than 0xFFFFFFFF bytes**See Also:**[getSize()](http://docs.google.com/java/util/zip/ZipEntry.html#getSize())

### getSize

public long **getSize**()

Returns the uncompressed size of the entry data, or -1 if not known.

**Returns:**the uncompressed size of the entry data, or -1 if not known**See Also:**[setSize(long)](http://docs.google.com/java/util/zip/ZipEntry.html#setSize(long))

### getCompressedSize

public long **getCompressedSize**()

Returns the size of the compressed entry data, or -1 if not known. In the case of a stored entry, the compressed size will be the same as the uncompressed size of the entry.

**Returns:**the size of the compressed entry data, or -1 if not known**See Also:**[setCompressedSize(long)](http://docs.google.com/java/util/zip/ZipEntry.html#setCompressedSize(long))

### setCompressedSize

public void **setCompressedSize**(long csize)

Sets the size of the compressed entry data.

**Parameters:**csize - the compressed size to set to**See Also:**[getCompressedSize()](http://docs.google.com/java/util/zip/ZipEntry.html#getCompressedSize())

### setCrc

public void **setCrc**(long crc)

Sets the CRC-32 checksum of the uncompressed entry data.

**Parameters:**crc - the CRC-32 value **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the specified CRC-32 value is less than 0 or greater than 0xFFFFFFFF**See Also:**[getCrc()](http://docs.google.com/java/util/zip/ZipEntry.html#getCrc())

### getCrc

public long **getCrc**()

Returns the CRC-32 checksum of the uncompressed entry data, or -1 if not known.

**Returns:**the CRC-32 checksum of the uncompressed entry data, or -1 if not known**See Also:**[setCrc(long)](http://docs.google.com/java/util/zip/ZipEntry.html#setCrc(long))

### setMethod

public void **setMethod**(int method)

Sets the compression method for the entry.

**Parameters:**method - the compression method, either STORED or DEFLATED **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the specified compression method is invalid**See Also:**[getMethod()](http://docs.google.com/java/util/zip/ZipEntry.html#getMethod())

### getMethod

public int **getMethod**()

Returns the compression method of the entry, or -1 if not specified.

**Returns:**the compression method of the entry, or -1 if not specified**See Also:**[setMethod(int)](http://docs.google.com/java/util/zip/ZipEntry.html#setMethod(int))

### setExtra

public void **setExtra**(byte[] extra)

Sets the optional extra field data for the entry.

**Parameters:**extra - the extra field data bytes **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the length of the specified extra field data is greater than 0xFFFF bytes**See Also:**[getExtra()](http://docs.google.com/java/util/zip/ZipEntry.html#getExtra())

### getExtra

public byte[] **getExtra**()

Returns the extra field data for the entry, or null if none.

**Returns:**the extra field data for the entry, or null if none**See Also:**[setExtra(byte[])](http://docs.google.com/java/util/zip/ZipEntry.html#setExtra(byte%5B%5D))

### setComment

public void **setComment**([String](http://docs.google.com/java/lang/String.html) comment)

Sets the optional comment string for the entry.

**Parameters:**comment - the comment string **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the length of the specified comment string is greater than 0xFFFF bytes**See Also:**[getComment()](http://docs.google.com/java/util/zip/ZipEntry.html#getComment())

### getComment

public [String](http://docs.google.com/java/lang/String.html) **getComment**()

Returns the comment string for the entry, or null if none.

**Returns:**the comment string for the entry, or null if none**See Also:**[setComment(String)](http://docs.google.com/java/util/zip/ZipEntry.html#setComment(java.lang.String))

### isDirectory

public boolean **isDirectory**()

Returns true if this is a directory entry. A directory entry is defined to be one whose name ends with a '/'.

**Returns:**true if this is a directory entry

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a string representation of the ZIP entry.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of the object.

### hashCode

public int **hashCode**()

Returns the hash code value for this entry.

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code value for this object.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### clone

public [Object](http://docs.google.com/java/lang/Object.html) **clone**()

Returns a copy of this entry.

**Overrides:**[clone](http://docs.google.com/java/lang/Object.html#clone()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a clone of this instance.**See Also:**[Cloneable](http://docs.google.com/java/lang/Cloneable.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ZipEntry.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/util/zip/InflaterOutputStream.html)   [**NEXT CLASS**](http://docs.google.com/java/util/zip/ZipError.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/zip/ZipEntry.html)    [**NO FRAMES**](http://docs.google.com/ZipEntry.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#46r0co2) | [METHOD](#3l18frh) |

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For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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