| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JarFile.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/jar/JarException.html)   [**NEXT CLASS**](http://docs.google.com/java/util/jar/JarInputStream.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/jar/JarFile.html)    [**NO FRAMES**](http://docs.google.com/JarFile.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#2lwamvv) | [METHOD](#1egqt2p) |

## **java.util.jar**

Class JarFile

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

public class **JarFile**extends [ZipFile](http://docs.google.com/java/util/zip/ZipFile.html)

The JarFile class is used to read the contents of a jar file from any file that can be opened with java.io.RandomAccessFile. It extends the class java.util.zip.ZipFile with support for reading an optional Manifest entry. The Manifest can be used to specify meta-information about the jar file and its entries.

Unless otherwise noted, passing a null argument to a constructor or method in this class will cause a [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) to be thrown.

**Since:** 1.2 **See Also:**[Manifest](http://docs.google.com/java/util/jar/Manifest.html), [ZipFile](http://docs.google.com/java/util/zip/ZipFile.html), [JarEntry](http://docs.google.com/java/util/jar/JarEntry.html)

| **Field Summary** | |
| --- | --- |
| static int | [**CENATT**](http://docs.google.com/java/util/jar/JarFile.html#CENATT) |
| static int | [**CENATX**](http://docs.google.com/java/util/jar/JarFile.html#CENATX) |
| static int | [**CENCOM**](http://docs.google.com/java/util/jar/JarFile.html#CENCOM) |
| static int | [**CENCRC**](http://docs.google.com/java/util/jar/JarFile.html#CENCRC) |
| static int | [**CENDSK**](http://docs.google.com/java/util/jar/JarFile.html#CENDSK) |
| static int | [**CENEXT**](http://docs.google.com/java/util/jar/JarFile.html#CENEXT) |
| static int | [**CENFLG**](http://docs.google.com/java/util/jar/JarFile.html#CENFLG) |
| static int | [**CENHDR**](http://docs.google.com/java/util/jar/JarFile.html#CENHDR) |
| static int | [**CENHOW**](http://docs.google.com/java/util/jar/JarFile.html#CENHOW) |
| static int | [**CENLEN**](http://docs.google.com/java/util/jar/JarFile.html#CENLEN) |
| static int | [**CENNAM**](http://docs.google.com/java/util/jar/JarFile.html#CENNAM) |
| static int | [**CENOFF**](http://docs.google.com/java/util/jar/JarFile.html#CENOFF) |
| static long | [**CENSIG**](http://docs.google.com/java/util/jar/JarFile.html#CENSIG) |
| static int | [**CENSIZ**](http://docs.google.com/java/util/jar/JarFile.html#CENSIZ) |
| static int | [**CENTIM**](http://docs.google.com/java/util/jar/JarFile.html#CENTIM) |
| static int | [**CENVEM**](http://docs.google.com/java/util/jar/JarFile.html#CENVEM) |
| static int | [**CENVER**](http://docs.google.com/java/util/jar/JarFile.html#CENVER) |
| static int | [**ENDCOM**](http://docs.google.com/java/util/jar/JarFile.html#ENDCOM) |
| static int | [**ENDHDR**](http://docs.google.com/java/util/jar/JarFile.html#ENDHDR) |
| static int | [**ENDOFF**](http://docs.google.com/java/util/jar/JarFile.html#ENDOFF) |
| static long | [**ENDSIG**](http://docs.google.com/java/util/jar/JarFile.html#ENDSIG) |
| static int | [**ENDSIZ**](http://docs.google.com/java/util/jar/JarFile.html#ENDSIZ) |
| static int | [**ENDSUB**](http://docs.google.com/java/util/jar/JarFile.html#ENDSUB) |
| static int | [**ENDTOT**](http://docs.google.com/java/util/jar/JarFile.html#ENDTOT) |
| static int | [**EXTCRC**](http://docs.google.com/java/util/jar/JarFile.html#EXTCRC) |
| static int | [**EXTHDR**](http://docs.google.com/java/util/jar/JarFile.html#EXTHDR) |
| static int | [**EXTLEN**](http://docs.google.com/java/util/jar/JarFile.html#EXTLEN) |
| static long | [**EXTSIG**](http://docs.google.com/java/util/jar/JarFile.html#EXTSIG) |
| static int | [**EXTSIZ**](http://docs.google.com/java/util/jar/JarFile.html#EXTSIZ) |
| static int | [**LOCCRC**](http://docs.google.com/java/util/jar/JarFile.html#LOCCRC) |
| static int | [**LOCEXT**](http://docs.google.com/java/util/jar/JarFile.html#LOCEXT) |
| static int | [**LOCFLG**](http://docs.google.com/java/util/jar/JarFile.html#LOCFLG) |
| static int | [**LOCHDR**](http://docs.google.com/java/util/jar/JarFile.html#LOCHDR) |
| static int | [**LOCHOW**](http://docs.google.com/java/util/jar/JarFile.html#LOCHOW) |
| static int | [**LOCLEN**](http://docs.google.com/java/util/jar/JarFile.html#LOCLEN) |
| static int | [**LOCNAM**](http://docs.google.com/java/util/jar/JarFile.html#LOCNAM) |
| static long | [**LOCSIG**](http://docs.google.com/java/util/jar/JarFile.html#LOCSIG) |
| static int | [**LOCSIZ**](http://docs.google.com/java/util/jar/JarFile.html#LOCSIZ) |
| static int | [**LOCTIM**](http://docs.google.com/java/util/jar/JarFile.html#LOCTIM) |
| static int | [**LOCVER**](http://docs.google.com/java/util/jar/JarFile.html#LOCVER) |
| static [String](http://docs.google.com/java/lang/String.html) | [**MANIFEST\_NAME**](http://docs.google.com/java/util/jar/JarFile.html#MANIFEST_NAME)            The JAR manifest file name. |

| **Fields inherited from class java.util.zip.**[**ZipFile**](http://docs.google.com/java/util/zip/ZipFile.html) |
| --- |
| [OPEN\_DELETE](http://docs.google.com/java/util/zip/ZipFile.html#OPEN_DELETE), [OPEN\_READ](http://docs.google.com/java/util/zip/ZipFile.html#OPEN_READ) |

| **Constructor Summary** | |
| --- | --- |
| [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a new JarFile to read from the specified File object. |
| [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File,%20boolean))([File](http://docs.google.com/java/io/File.html) file, boolean verify)            Creates a new JarFile to read from the specified File object. |
| [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File,%20boolean,%20int))([File](http://docs.google.com/java/io/File.html) file, boolean verify, int mode)            Creates a new JarFile to read from the specified File object in the specified mode. |
| [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Creates a new JarFile to read from the specified file name. |
| [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) name, boolean verify)            Creates a new JarFile to read from the specified file name. |

| **Method Summary** | |
| --- | --- |
| [Enumeration](http://docs.google.com/java/util/Enumeration.html)<[JarEntry](http://docs.google.com/java/util/jar/JarEntry.html)> | [**entries**](http://docs.google.com/java/util/jar/JarFile.html#entries())()            Returns an enumeration of the zip file entries. |
| [ZipEntry](http://docs.google.com/java/util/zip/ZipEntry.html) | [**getEntry**](http://docs.google.com/java/util/jar/JarFile.html#getEntry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns the ZipEntry for the given entry name or null if not found. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | [**getInputStream**](http://docs.google.com/java/util/jar/JarFile.html#getInputStream(java.util.zip.ZipEntry))([ZipEntry](http://docs.google.com/java/util/zip/ZipEntry.html) ze)            Returns an input stream for reading the contents of the specified zip file entry. |
| [JarEntry](http://docs.google.com/java/util/jar/JarEntry.html) | [**getJarEntry**](http://docs.google.com/java/util/jar/JarFile.html#getJarEntry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns the JarEntry for the given entry name or null if not found. |
| [Manifest](http://docs.google.com/java/util/jar/Manifest.html) | [**getManifest**](http://docs.google.com/java/util/jar/JarFile.html#getManifest())()            Returns the jar file manifest, or null if none. |

| **Methods inherited from class java.util.zip.**[**ZipFile**](http://docs.google.com/java/util/zip/ZipFile.html) |
| --- |
| [close](http://docs.google.com/java/util/zip/ZipFile.html#close()), [finalize](http://docs.google.com/java/util/zip/ZipFile.html#finalize()), [getName](http://docs.google.com/java/util/zip/ZipFile.html#getName()), [size](http://docs.google.com/java/util/zip/ZipFile.html#size()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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** |
| --- |

### MANIFEST\_NAME

public static final [String](http://docs.google.com/java/lang/String.html) **MANIFEST\_NAME**

The JAR manifest file name.

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

### LOCSIG

public static final long **LOCSIG**

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

### EXTSIG

public static final long **EXTSIG**

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

### CENSIG

public static final long **CENSIG**

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

### ENDSIG

public static final long **ENDSIG**

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

### LOCHDR

public static final int **LOCHDR**

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

### EXTHDR

public static final int **EXTHDR**

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

### CENHDR

public static final int **CENHDR**

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

### ENDHDR

public static final int **ENDHDR**

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

### LOCVER

public static final int **LOCVER**

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

### LOCFLG

public static final int **LOCFLG**

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

### LOCHOW

public static final int **LOCHOW**

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

### LOCTIM

public static final int **LOCTIM**

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

### LOCCRC

public static final int **LOCCRC**

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

### LOCSIZ

public static final int **LOCSIZ**

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

### LOCLEN

public static final int **LOCLEN**

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

### LOCNAM

public static final int **LOCNAM**

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

### LOCEXT

public static final int **LOCEXT**

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

### EXTCRC

public static final int **EXTCRC**

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

### EXTSIZ

public static final int **EXTSIZ**

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

### EXTLEN

public static final int **EXTLEN**

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

### CENVEM

public static final int **CENVEM**

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

### CENVER

public static final int **CENVER**

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

### CENFLG

public static final int **CENFLG**

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

### CENHOW

public static final int **CENHOW**

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

### CENTIM

public static final int **CENTIM**

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

### CENCRC

public static final int **CENCRC**

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

### CENSIZ

public static final int **CENSIZ**

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

### CENLEN

public static final int **CENLEN**

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

### CENNAM

public static final int **CENNAM**

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

### CENEXT

public static final int **CENEXT**

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

### CENCOM

public static final int **CENCOM**

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

### CENDSK

public static final int **CENDSK**

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

### CENATT

public static final int **CENATT**

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

### CENATX

public static final int **CENATX**

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

### CENOFF

public static final int **CENOFF**

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

### ENDSUB

public static final int **ENDSUB**

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

### ENDTOT

public static final int **ENDTOT**

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

### ENDSIZ

public static final int **ENDSIZ**

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

### ENDOFF

public static final int **ENDOFF**

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

### ENDCOM

public static final int **ENDCOM**

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

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

### JarFile

public **JarFile**([String](http://docs.google.com/java/lang/String.html) name)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Creates a new JarFile to read from the specified file name. The JarFile will be verified if it is signed.

**Parameters:**name - the name of the jar file to be opened for reading **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if an I/O error has occurred [SecurityException](http://docs.google.com/java/lang/SecurityException.html) - if access to the file is denied by the SecurityManager

### JarFile

public **JarFile**([String](http://docs.google.com/java/lang/String.html) name,  
 boolean verify)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Creates a new JarFile to read from the specified file name.

**Parameters:**name - the name of the jar file to be opened for readingverify - whether or not to verify the jar file if it is signed. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if an I/O error has occurred [SecurityException](http://docs.google.com/java/lang/SecurityException.html) - if access to the file is denied by the SecurityManager

### JarFile

public **JarFile**([File](http://docs.google.com/java/io/File.html) file)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Creates a new JarFile to read from the specified File object. The JarFile will be verified if it is signed.

**Parameters:**file - the jar file to be opened for reading **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if an I/O error has occurred [SecurityException](http://docs.google.com/java/lang/SecurityException.html) - if access to the file is denied by the SecurityManager

### JarFile

public **JarFile**([File](http://docs.google.com/java/io/File.html) file,  
 boolean verify)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Creates a new JarFile to read from the specified File object.

**Parameters:**file - the jar file to be opened for readingverify - whether or not to verify the jar file if it is signed. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if an I/O error has occurred [SecurityException](http://docs.google.com/java/lang/SecurityException.html) - if access to the file is denied by the SecurityManager.

### JarFile

public **JarFile**([File](http://docs.google.com/java/io/File.html) file,  
 boolean verify,  
 int mode)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Creates a new JarFile to read from the specified File object in the specified mode. The mode argument must be either OPEN\_READ or OPEN\_READ | OPEN\_DELETE.

**Parameters:**file - the jar file to be opened for readingverify - whether or not to verify the jar file if it is signed.mode - the mode in which the file is to be opened **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if an I/O error has occurred [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the mode argument is invalid [SecurityException](http://docs.google.com/java/lang/SecurityException.html) - if access to the file is denied by the SecurityManager**Since:** 1.3

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

### getManifest

public [Manifest](http://docs.google.com/java/util/jar/Manifest.html) **getManifest**()  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Returns the jar file manifest, or null if none.

**Returns:**the jar file manifest, or null if none **Throws:** [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - may be thrown if the jar file has been closed [IOException](http://docs.google.com/java/io/IOException.html)

### getJarEntry

public [JarEntry](http://docs.google.com/java/util/jar/JarEntry.html) **getJarEntry**([String](http://docs.google.com/java/lang/String.html) name)

Returns the JarEntry for the given entry name or null if not found.

**Parameters:**name - the jar file entry name **Returns:**the JarEntry for the given entry name or null if not found. **Throws:** [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - may be thrown if the jar file has been closed**See Also:**[JarEntry](http://docs.google.com/java/util/jar/JarEntry.html)

### getEntry

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

Returns the ZipEntry for the given entry name or null if not found.

**Overrides:**[getEntry](http://docs.google.com/java/util/zip/ZipFile.html#getEntry(java.lang.String)) in class [ZipFile](http://docs.google.com/java/util/zip/ZipFile.html) **Parameters:**name - the jar file entry name **Returns:**the ZipEntry for the given entry name or null if not found **Throws:** [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - may be thrown if the jar file has been closed**See Also:**[ZipEntry](http://docs.google.com/java/util/zip/ZipEntry.html)

### entries

public [Enumeration](http://docs.google.com/java/util/Enumeration.html)<[JarEntry](http://docs.google.com/java/util/jar/JarEntry.html)> **entries**()

Returns an enumeration of the zip file entries.

**Overrides:**[entries](http://docs.google.com/java/util/zip/ZipFile.html#entries()) in class [ZipFile](http://docs.google.com/java/util/zip/ZipFile.html) **Returns:**an enumeration of the ZIP file entries

### getInputStream

public [InputStream](http://docs.google.com/java/io/InputStream.html) **getInputStream**([ZipEntry](http://docs.google.com/java/util/zip/ZipEntry.html) ze)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Returns an input stream for reading the contents of the specified zip file entry.

**Overrides:**[getInputStream](http://docs.google.com/java/util/zip/ZipFile.html#getInputStream(java.util.zip.ZipEntry)) in class [ZipFile](http://docs.google.com/java/util/zip/ZipFile.html) **Parameters:**ze - the zip file entry **Returns:**an input stream for reading the contents of the specified zip file entry **Throws:** [ZipException](http://docs.google.com/java/util/zip/ZipException.html) - if a zip file format error has occurred [IOException](http://docs.google.com/java/io/IOException.html) - if an I/O error has occurred [SecurityException](http://docs.google.com/java/lang/SecurityException.html) - if any of the jar file entries are incorrectly signed. [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - may be thrown if the jar file has been closed

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JarFile.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/jar/JarException.html)   [**NEXT CLASS**](http://docs.google.com/java/util/jar/JarInputStream.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/jar/JarFile.html)    [**NO FRAMES**](http://docs.google.com/JarFile.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#2lwamvv) | [METHOD](#1egqt2p) |

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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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