| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/util/jar/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**java.util.jar**

| Packages that use [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) | |
| --- | --- |
| [**java.lang.instrument**](#3znysh7) | Provides services that allow Java programming language agents to instrument programs running on the JVM. |
| [**java.net**](#2et92p0) | Provides the classes for implementing networking applications. |
| [**java.util.jar**](#tyjcwt) | Provides classes for reading and writing the JAR (Java ARchive) file format, which is based on the standard ZIP file format with an optional manifest file. |

| Classes in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) used by [java.lang.instrument](http://docs.google.com/java/lang/instrument/package-summary.html) | |
| --- | --- |
| [**JarFile**](http://docs.google.com/java/util/jar/class-use/JarFile.html#java.lang.instrument)            The JarFile class is used to read the contents of a jar file from any file that can be opened with java.io.RandomAccessFile. |

| Classes in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) used by [java.net](http://docs.google.com/java/net/package-summary.html) | |
| --- | --- |
| [**Attributes**](http://docs.google.com/java/util/jar/class-use/Attributes.html#java.net)            The Attributes class maps Manifest attribute names to associated string values. |
| [**JarEntry**](http://docs.google.com/java/util/jar/class-use/JarEntry.html#java.net)            This class is used to represent a JAR file entry. |
| [**JarFile**](http://docs.google.com/java/util/jar/class-use/JarFile.html#java.net)            The JarFile class is used to read the contents of a jar file from any file that can be opened with java.io.RandomAccessFile. |
| [**Manifest**](http://docs.google.com/java/util/jar/class-use/Manifest.html#java.net)            The Manifest class is used to maintain Manifest entry names and their associated Attributes. |

| Classes in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) used by [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) | |
| --- | --- |
| [**Attributes**](http://docs.google.com/java/util/jar/class-use/Attributes.html#java.util.jar)            The Attributes class maps Manifest attribute names to associated string values. |
| [**Attributes.Name**](http://docs.google.com/java/util/jar/class-use/Attributes.Name.html#java.util.jar)            The Attributes.Name class represents an attribute name stored in this Map. |
| [**JarEntry**](http://docs.google.com/java/util/jar/class-use/JarEntry.html#java.util.jar)            This class is used to represent a JAR file entry. |
| [**JarFile**](http://docs.google.com/java/util/jar/class-use/JarFile.html#java.util.jar)            The JarFile class is used to read the contents of a jar file from any file that can be opened with java.io.RandomAccessFile. |
| [**JarInputStream**](http://docs.google.com/java/util/jar/class-use/JarInputStream.html#java.util.jar)            The JarInputStream class is used to read the contents of a JAR file from any input stream. |
| [**JarOutputStream**](http://docs.google.com/java/util/jar/class-use/JarOutputStream.html#java.util.jar)            The JarOutputStream class is used to write the contents of a JAR file to any output stream. |
| [**Manifest**](http://docs.google.com/java/util/jar/class-use/Manifest.html#java.util.jar)            The Manifest class is used to maintain Manifest entry names and their associated Attributes. |
| [**Pack200.Packer**](http://docs.google.com/java/util/jar/class-use/Pack200.Packer.html#java.util.jar)            The packer engine applies various transformations to the input JAR file, making the pack stream highly compressible by a compressor such as gzip or zip. |
| [**Pack200.Unpacker**](http://docs.google.com/java/util/jar/class-use/Pack200.Unpacker.html#java.util.jar)            The unpacker engine converts the packed stream to a JAR file. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **Use** | [**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*** |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

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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