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

Hierarchy For Package java.util.zip

**Package Hierarchies:**[All Packages](http://docs.google.com/overview-tree.html)

## Class Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + java.util.zip.[**Adler32**](http://docs.google.com/java/util/zip/Adler32.html) (implements java.util.zip.[Checksum](http://docs.google.com/java/util/zip/Checksum.html))
  + java.util.zip.[**CRC32**](http://docs.google.com/java/util/zip/CRC32.html) (implements java.util.zip.[Checksum](http://docs.google.com/java/util/zip/Checksum.html))
  + java.util.zip.[**Deflater**](http://docs.google.com/java/util/zip/Deflater.html)
  + java.util.zip.[**Inflater**](http://docs.google.com/java/util/zip/Inflater.html)
  + java.io.[**InputStream**](http://docs.google.com/java/io/InputStream.html) (implements java.io.[Closeable](http://docs.google.com/java/io/Closeable.html))
    - java.io.[**FilterInputStream**](http://docs.google.com/java/io/FilterInputStream.html)
      * java.util.zip.[**CheckedInputStream**](http://docs.google.com/java/util/zip/CheckedInputStream.html)
      * java.util.zip.[**DeflaterInputStream**](http://docs.google.com/java/util/zip/DeflaterInputStream.html)
      * java.util.zip.[**InflaterInputStream**](http://docs.google.com/java/util/zip/InflaterInputStream.html)
        + java.util.zip.[**GZIPInputStream**](http://docs.google.com/java/util/zip/GZIPInputStream.html)
        + java.util.zip.[**ZipInputStream**](http://docs.google.com/java/util/zip/ZipInputStream.html)
  + java.io.[**OutputStream**](http://docs.google.com/java/io/OutputStream.html) (implements java.io.[Closeable](http://docs.google.com/java/io/Closeable.html), java.io.[Flushable](http://docs.google.com/java/io/Flushable.html))
    - java.io.[**FilterOutputStream**](http://docs.google.com/java/io/FilterOutputStream.html)
      * java.util.zip.[**CheckedOutputStream**](http://docs.google.com/java/util/zip/CheckedOutputStream.html)
      * java.util.zip.[**DeflaterOutputStream**](http://docs.google.com/java/util/zip/DeflaterOutputStream.html)
        + java.util.zip.[**GZIPOutputStream**](http://docs.google.com/java/util/zip/GZIPOutputStream.html)
        + java.util.zip.[**ZipOutputStream**](http://docs.google.com/java/util/zip/ZipOutputStream.html)
      * java.util.zip.[**InflaterOutputStream**](http://docs.google.com/java/util/zip/InflaterOutputStream.html)
  + java.lang.[**Throwable**](http://docs.google.com/java/lang/Throwable.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Error**](http://docs.google.com/java/lang/Error.html)
      * java.lang.[**VirtualMachineError**](http://docs.google.com/java/lang/VirtualMachineError.html)
        + java.lang.[**InternalError**](http://docs.google.com/java/lang/InternalError.html)

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

* + - java.lang.[**Exception**](http://docs.google.com/java/lang/Exception.html)
      * java.util.zip.[**DataFormatException**](http://docs.google.com/java/util/zip/DataFormatException.html)
      * java.io.[**IOException**](http://docs.google.com/java/io/IOException.html)
        + java.util.zip.[**ZipException**](http://docs.google.com/java/util/zip/ZipException.html)
  + java.util.zip.[**ZipEntry**](http://docs.google.com/java/util/zip/ZipEntry.html) (implements java.lang.[Cloneable](http://docs.google.com/java/lang/Cloneable.html))
  + java.util.zip.[**ZipFile**](http://docs.google.com/java/util/zip/ZipFile.html)

## Interface Hierarchy

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

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

[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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