| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/zip/Checksum.html) | **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/zip//class-useChecksum.html)    [**NO FRAMES**](http://docs.google.com/Checksum.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.util.zip.Checksum**

| Packages that use [Checksum](http://docs.google.com/java/util/zip/Checksum.html) | |
| --- | --- |
| [**java.util.zip**](#3znysh7) | Provides classes for reading and writing the standard ZIP and GZIP file formats. |

| Uses of [Checksum](http://docs.google.com/java/util/zip/Checksum.html) in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) | |
| --- | --- |

| Classes in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) that implement [Checksum](http://docs.google.com/java/util/zip/Checksum.html) | |
| --- | --- |
| class | [**Adler32**](http://docs.google.com/java/util/zip/Adler32.html)            A class that can be used to compute the Adler-32 checksum of a data stream. |
| class | [**CRC32**](http://docs.google.com/java/util/zip/CRC32.html)            A class that can be used to compute the CRC-32 of a data stream. |

| Methods in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) that return [Checksum](http://docs.google.com/java/util/zip/Checksum.html) | |
| --- | --- |
| [Checksum](http://docs.google.com/java/util/zip/Checksum.html) | **CheckedOutputStream.**[**getChecksum**](http://docs.google.com/java/util/zip/CheckedOutputStream.html#getChecksum())()            Returns the Checksum for this output stream. |
| [Checksum](http://docs.google.com/java/util/zip/Checksum.html) | **CheckedInputStream.**[**getChecksum**](http://docs.google.com/java/util/zip/CheckedInputStream.html#getChecksum())()            Returns the Checksum for this input stream. |

| Constructors in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) with parameters of type [Checksum](http://docs.google.com/java/util/zip/Checksum.html) | |
| --- | --- |
| [**CheckedInputStream**](http://docs.google.com/java/util/zip/CheckedInputStream.html#CheckedInputStream(java.io.InputStream,%20java.util.zip.Checksum))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Checksum](http://docs.google.com/java/util/zip/Checksum.html) cksum)            Creates an input stream using the specified Checksum. |
| [**CheckedOutputStream**](http://docs.google.com/java/util/zip/CheckedOutputStream.html#CheckedOutputStream(java.io.OutputStream,%20java.util.zip.Checksum))([OutputStream](http://docs.google.com/java/io/OutputStream.html) out, [Checksum](http://docs.google.com/java/util/zip/Checksum.html) cksum)            Creates an output stream with the specified Checksum. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/zip/Checksum.html) | **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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