| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/io/Flushable.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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/io//class-useFlushable.html)    [**NO FRAMES**](http://docs.google.com/Flushable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.io.Flushable**

| Packages that use [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| [**java.io**](#3znysh7) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.rmi.server**](#2et92p0) | Provides classes and interfaces for supporting the server side of RMI. |
| [**java.security**](#tyjcwt) | Provides the classes and interfaces for the security framework. |
| [**java.util**](#3dy6vkm) | Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array). |
| [**java.util.jar**](#1t3h5sf) | 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. |
| [**java.util.zip**](#4d34og8) | Provides classes for reading and writing the standard ZIP and GZIP file formats. |
| [**javax.crypto**](#2s8eyo1) | Provides the classes and interfaces for cryptographic operations. |
| [**javax.tools**](#17dp8vu) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |

| Uses of [Flushable](http://docs.google.com/java/io/Flushable.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
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| Classes in [java.io](http://docs.google.com/java/io/package-summary.html) that implement [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| class | [**BufferedOutputStream**](http://docs.google.com/java/io/BufferedOutputStream.html)            The class implements a buffered output stream. |
| class | [**BufferedWriter**](http://docs.google.com/java/io/BufferedWriter.html)            Writes text to a character-output stream, buffering characters so as to provide for the efficient writing of single characters, arrays, and strings. |
| class | [**ByteArrayOutputStream**](http://docs.google.com/java/io/ByteArrayOutputStream.html)            This class implements an output stream in which the data is written into a byte array. |
| class | [**CharArrayWriter**](http://docs.google.com/java/io/CharArrayWriter.html)            This class implements a character buffer that can be used as an Writer. |
| class | [**Console**](http://docs.google.com/java/io/Console.html)            Methods to access the character-based console device, if any, associated with the current Java virtual machine. |
| class | [**DataOutputStream**](http://docs.google.com/java/io/DataOutputStream.html)            A data output stream lets an application write primitive Java data types to an output stream in a portable way. |
| class | [**FileOutputStream**](http://docs.google.com/java/io/FileOutputStream.html)            A file output stream is an output stream for writing data to a File or to a FileDescriptor. |
| class | [**FileWriter**](http://docs.google.com/java/io/FileWriter.html)            Convenience class for writing character files. |
| class | [**FilterOutputStream**](http://docs.google.com/java/io/FilterOutputStream.html)            This class is the superclass of all classes that filter output streams. |
| class | [**FilterWriter**](http://docs.google.com/java/io/FilterWriter.html)            Abstract class for writing filtered character streams. |
| class | [**ObjectOutputStream**](http://docs.google.com/java/io/ObjectOutputStream.html)            An ObjectOutputStream writes primitive data types and graphs of Java objects to an OutputStream. |
| class | [**OutputStream**](http://docs.google.com/java/io/OutputStream.html)            This abstract class is the superclass of all classes representing an output stream of bytes. |
| class | [**OutputStreamWriter**](http://docs.google.com/java/io/OutputStreamWriter.html)            An OutputStreamWriter is a bridge from character streams to byte streams: Characters written to it are encoded into bytes using a specified [charset](http://docs.google.com/java/nio/charset/Charset.html). |
| class | [**PipedOutputStream**](http://docs.google.com/java/io/PipedOutputStream.html)            A piped output stream can be connected to a piped input stream to create a communications pipe. |
| class | [**PipedWriter**](http://docs.google.com/java/io/PipedWriter.html)            Piped character-output streams. |
| class | [**PrintStream**](http://docs.google.com/java/io/PrintStream.html)            A PrintStream adds functionality to another output stream, namely the ability to print representations of various data values conveniently. |
| class | [**PrintWriter**](http://docs.google.com/java/io/PrintWriter.html)            Prints formatted representations of objects to a text-output stream. |
| class | [**StringWriter**](http://docs.google.com/java/io/StringWriter.html)            A character stream that collects its output in a string buffer, which can then be used to construct a string. |
| class | [**Writer**](http://docs.google.com/java/io/Writer.html)            Abstract class for writing to character streams. |

| Uses of [Flushable](http://docs.google.com/java/io/Flushable.html) in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) | |
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| Classes in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) that implement [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| class | [**LogStream**](http://docs.google.com/java/rmi/server/LogStream.html)  **Deprecated.** *no replacement* |

| Uses of [Flushable](http://docs.google.com/java/io/Flushable.html) in [java.security](http://docs.google.com/java/security/package-summary.html) | |
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| Classes in [java.security](http://docs.google.com/java/security/package-summary.html) that implement [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| class | [**DigestOutputStream**](http://docs.google.com/java/security/DigestOutputStream.html)            A transparent stream that updates the associated message digest using the bits going through the stream. |

| Uses of [Flushable](http://docs.google.com/java/io/Flushable.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
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| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) that implement [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| class | [**Formatter**](http://docs.google.com/java/util/Formatter.html)            An interpreter for printf-style format strings. |

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

| Classes in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) that implement [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| class | [**JarOutputStream**](http://docs.google.com/java/util/jar/JarOutputStream.html)            The JarOutputStream class is used to write the contents of a JAR file to any output stream. |

| Uses of [Flushable](http://docs.google.com/java/io/Flushable.html) in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) | |
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| Classes in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) that implement [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| class | [**CheckedOutputStream**](http://docs.google.com/java/util/zip/CheckedOutputStream.html)            An output stream that also maintains a checksum of the data being written. |
| class | [**DeflaterOutputStream**](http://docs.google.com/java/util/zip/DeflaterOutputStream.html)            This class implements an output stream filter for compressing data in the "deflate" compression format. |
| class | [**GZIPOutputStream**](http://docs.google.com/java/util/zip/GZIPOutputStream.html)            This class implements a stream filter for writing compressed data in the GZIP file format. |
| class | [**InflaterOutputStream**](http://docs.google.com/java/util/zip/InflaterOutputStream.html)            Implements an output stream filter for uncompressing data stored in the "deflate" compression format. |
| class | [**ZipOutputStream**](http://docs.google.com/java/util/zip/ZipOutputStream.html)            This class implements an output stream filter for writing files in the ZIP file format. |

| Uses of [Flushable](http://docs.google.com/java/io/Flushable.html) in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) | |
| --- | --- |

| Classes in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) that implement [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| class | [**CipherOutputStream**](http://docs.google.com/javax/crypto/CipherOutputStream.html)            A CipherOutputStream is composed of an OutputStream and a Cipher so that write() methods first process the data before writing them out to the underlying OutputStream. |

| Uses of [Flushable](http://docs.google.com/java/io/Flushable.html) in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |

| Subinterfaces of [Flushable](http://docs.google.com/java/io/Flushable.html) in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |
| interface | [**JavaFileManager**](http://docs.google.com/javax/tools/JavaFileManager.html)            File manager for tools operating on Java™ programming language source and class files. |
| interface | [**StandardJavaFileManager**](http://docs.google.com/javax/tools/StandardJavaFileManager.html)            File manager based on [java.io.File](http://docs.google.com/java/io/File.html). |

| Classes in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) that implement [Flushable](http://docs.google.com/java/io/Flushable.html) | |
| --- | --- |
| class | [**ForwardingJavaFileManager<M extends JavaFileManager>**](http://docs.google.com/javax/tools/ForwardingJavaFileManager.html)            Forwards calls to a given file manager. |

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