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

**Uses of Class**

**java.io.FilterOutputStream**

| Packages that use [FilterOutputStream](http://docs.google.com/java/io/FilterOutputStream.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.jar**](#3dy6vkm) | 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**](#1t3h5sf) | Provides classes for reading and writing the standard ZIP and GZIP file formats. |
| [**javax.crypto**](#4d34og8) | Provides the classes and interfaces for cryptographic operations. |

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

| Subclasses of [FilterOutputStream](http://docs.google.com/java/io/FilterOutputStream.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
| --- | --- |
| class | [**BufferedOutputStream**](http://docs.google.com/java/io/BufferedOutputStream.html)            The class implements a buffered output stream. |
| 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 | [**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. |

| Uses of [FilterOutputStream](http://docs.google.com/java/io/FilterOutputStream.html) in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) | |
| --- | --- |

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

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

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

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

| Subclasses of [FilterOutputStream](http://docs.google.com/java/io/FilterOutputStream.html) in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.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 [FilterOutputStream](http://docs.google.com/java/io/FilterOutputStream.html) in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) | |
| --- | --- |

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

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