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

**Uses of Class**

**java.io.FilterInputStream**

| Packages that use [FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) | |
| --- | --- |
| [**java.io**](#3znysh7) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.security**](#2et92p0) | Provides the classes and interfaces for the security framework. |
| [**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. |
| [**java.util.zip**](#3dy6vkm) | Provides classes for reading and writing the standard ZIP and GZIP file formats. |
| [**javax.crypto**](#1t3h5sf) | Provides the classes and interfaces for cryptographic operations. |
| [**javax.swing**](#4d34og8) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |

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

| Subclasses of [FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
| --- | --- |
| class | [**BufferedInputStream**](http://docs.google.com/java/io/BufferedInputStream.html)            A BufferedInputStream adds functionality to another input stream-namely, the ability to buffer the input and to support the mark and reset methods. |
| class | [**DataInputStream**](http://docs.google.com/java/io/DataInputStream.html)            A data input stream lets an application read primitive Java data types from an underlying input stream in a machine-independent way. |
| class | [**LineNumberInputStream**](http://docs.google.com/java/io/LineNumberInputStream.html)  **Deprecated.** *This class incorrectly assumes that bytes adequately represent characters. As of JDK 1.1, the preferred way to operate on character streams is via the new character-stream classes, which include a class for counting line numbers.* |
| class | [**PushbackInputStream**](http://docs.google.com/java/io/PushbackInputStream.html)            A PushbackInputStream adds functionality to another input stream, namely the ability to "push back" or "unread" one byte. |

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

| Uses of [FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) | |
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| Subclasses of [FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) | |
| --- | --- |
| class | [**JarInputStream**](http://docs.google.com/java/util/jar/JarInputStream.html)            The JarInputStream class is used to read the contents of a JAR file from any input stream. |

| Uses of [FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) | |
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| Subclasses of [FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) | |
| --- | --- |
| class | [**CheckedInputStream**](http://docs.google.com/java/util/zip/CheckedInputStream.html)            An input stream that also maintains a checksum of the data being read. |
| class | [**DeflaterInputStream**](http://docs.google.com/java/util/zip/DeflaterInputStream.html)            Implements an input stream filter for compressing data in the "deflate" compression format. |
| class | [**GZIPInputStream**](http://docs.google.com/java/util/zip/GZIPInputStream.html)            This class implements a stream filter for reading compressed data in the GZIP file format. |
| class | [**InflaterInputStream**](http://docs.google.com/java/util/zip/InflaterInputStream.html)            This class implements a stream filter for uncompressing data in the "deflate" compression format. |
| class | [**ZipInputStream**](http://docs.google.com/java/util/zip/ZipInputStream.html)            This class implements an input stream filter for reading files in the ZIP file format. |

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

| Subclasses of [FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) | |
| --- | --- |
| class | [**CipherInputStream**](http://docs.google.com/javax/crypto/CipherInputStream.html)            A CipherInputStream is composed of an InputStream and a Cipher so that read() methods return data that are read in from the underlying InputStream but have been additionally processed by the Cipher. |

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

| Subclasses of [FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |
| class | [**ProgressMonitorInputStream**](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html)            Monitors the progress of reading from some InputStream. |

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