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

**Uses of Class**

**java.io.InputStream**

| Packages that use [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [**java.applet**](#3znysh7) | Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context. |
| [**java.awt**](#2et92p0) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.color**](#tyjcwt) | Provides classes for color spaces. |
| [**java.beans**](#3dy6vkm) | Contains classes related to developing *beans* -- components based on the JavaBeansTM architecture. |
| [**java.beans.beancontext**](#1t3h5sf) | Provides classes and interfaces relating to bean context. |
| [**java.io**](#4d34og8) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.lang**](#2s8eyo1) | Provides classes that are fundamental to the design of the Java programming language. |
| [**java.net**](#17dp8vu) | Provides the classes for implementing networking applications. |
| [**java.nio.channels**](#3rdcrjn) | Defines channels, which represent connections to entities that are capable of performing I/O operations, such as files and sockets; defines selectors, for multiplexed, non-blocking I/O operations. |
| [**java.security**](#26in1rg) | Provides the classes and interfaces for the security framework. |
| [**java.security.cert**](#lnxbz9) | Provides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths. |
| [**java.sql**](#35nkun2) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**java.util**](#1ksv4uv) | 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**](#44sinio) | 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.logging**](#2jxsxqh) | Provides the classes and interfaces of the JavaTM 2 platform's core logging facilities. |
| [**java.util.prefs**](#z337ya) | This package allows applications to store and retrieve user and system preference and configuration data. |
| [**java.util.zip**](#3j2qqm3) | Provides classes for reading and writing the standard ZIP and GZIP file formats. |
| [**javax.accessibility**](#1y810tw) | Defines a contract between user-interface components and an assistive technology that provides access to those components. |
| [**javax.activation**](#4i7ojhp) |  |
| [**javax.crypto**](#2xcytpi) | Provides the classes and interfaces for cryptographic operations. |
| [**javax.imageio**](#1ci93xb) | The main package of the Java Image I/O API. |
| [**javax.imageio.stream**](#3whwml4) | A package of the Java Image I/O API dealing with low-level I/O from files and streams. |
| [**javax.management.loading**](#2bn6wsx) | Provides the classes which implement advanced dynamic loading. |
| [**javax.print**](#qsh70q) | Provides the principal classes and interfaces for the JavaTM Print Service API. |
| [**javax.security.auth.x500**](#3as4poj) | This package contains the classes that should be used to store X500 Principal and X500 Private Crendentials in a *Subject*. |
| [**javax.security.cert**](#1pxezwc) | Provides classes for public key certificates. |
| [**javax.sound.midi**](#49x2ik5) | Provides interfaces and classes for I/O, sequencing, and synthesis of MIDI (Musical Instrument Digital Interface) data. |
| [**javax.sound.midi.spi**](#2p2csry) | Supplies interfaces for service providers to implement when offering new MIDI devices, MIDI file readers and writers, or sound bank readers. |
| [**javax.sound.sampled**](#147n2zr) | Provides interfaces and classes for capture, processing, and playback of sampled audio data. |
| [**javax.sound.sampled.spi**](#3o7alnk) | Supplies abstract classes for service providers to subclass when offering new audio devices, sound file readers and writers, or audio format converters. |
| [**javax.sql**](#23ckvvd) | Provides the API for server side data source access and processing from the JavaTM programming language. |
| [**javax.sql.rowset**](#ihv636) | Standard interfaces and base classes for JDBC RowSet implementations. |
| [**javax.sql.rowset.serial**](#32hioqz) | Provides utility classes to allow serializable mappings between SQL types and data types in the Java programming language. |
| [**javax.swing**](#1hmsyys) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf.synth**](#41mghml) | Synth is a skinnable look and feel in which all painting is delegated. |
| [**javax.swing.text**](#2grqrue) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.rtf**](#vx1227) | Provides a class (RTFEditorKit) for creating Rich-Text-Format text editors. |
| [**javax.tools**](#3fwokq0) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |
| [**javax.xml.bind**](#1v1yuxt) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.bind.helpers**](#4f1mdlm) | **JAXB Provider Use Only:** Provides partial default implementations for some of the javax.xml.bind interfaces. |
| [**javax.xml.crypto**](#2u6wntf) | Common classes for XML cryptography. |
| [**javax.xml.crypto.dsig**](#19c6y18) | Classes for generating and validating XML digital signatures. |
| [**javax.xml.parsers**](#3tbugp1) | Provides classes allowing the processing of XML documents. |
| [**javax.xml.soap**](#28h4qwu) | Provides the API for creating and building SOAP messages. |
| [**javax.xml.stream**](#nmf14n) |  |
| [**javax.xml.transform.stream**](#37m2jsg) | This package implements stream- and URI- specific transformation APIs. |
| [**org.ietf.jgss**](#1mrcu09) | This package presents a framework that allows application developers to make use of security services like authentication, data integrity and data confidentiality from a variety of underlying security mechanisms like Kerberos, using a unified API. |
| [**org.omg.CORBA.portable**](#46r0co2) | Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB. |
| [**org.w3c.dom.ls**](#2lwamvv) |  |
| [**org.xml.sax**](#111kx3o) | This package provides the core SAX APIs. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.applet](http://docs.google.com/java/applet/package-summary.html) | |
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| Methods in [java.applet](http://docs.google.com/java/applet/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **AppletContext.**[**getStream**](http://docs.google.com/java/applet/AppletContext.html#getStream(java.lang.String))([String](http://docs.google.com/java/lang/String.html) key)            Returns the stream to which specified key is associated within this applet context. |

| Methods in [java.applet](http://docs.google.com/java/applet/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| void | **AppletContext.**[**setStream**](http://docs.google.com/java/applet/AppletContext.html#setStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) key, [InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Associates the specified stream with the specified key in this applet context. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
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| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| static [Font](http://docs.google.com/java/awt/Font.html) | **Font.**[**createFont**](http://docs.google.com/java/awt/Font.html#createFont(int,%20java.io.InputStream))(int fontFormat, [InputStream](http://docs.google.com/java/io/InputStream.html) fontStream)            Returns a new Font using the specified font type and input data. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.awt.color](http://docs.google.com/java/awt/color/package-summary.html) | |
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| Methods in [java.awt.color](http://docs.google.com/java/awt/color/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| static [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | **ICC\_Profile.**[**getInstance**](http://docs.google.com/java/awt/color/ICC_Profile.html#getInstance(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) s)            Constructs an ICC\_Profile corresponding to the data in an InputStream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.beans](http://docs.google.com/java/beans/package-summary.html) | |
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| Constructors in [java.beans](http://docs.google.com/java/beans/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**XMLDecoder**](http://docs.google.com/java/beans/XMLDecoder.html#XMLDecoder(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a new input stream for reading archives created by the XMLEncoder class. |
| [**XMLDecoder**](http://docs.google.com/java/beans/XMLDecoder.html#XMLDecoder(java.io.InputStream,%20java.lang.Object))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Object](http://docs.google.com/java/lang/Object.html) owner)            Creates a new input stream for reading archives created by the XMLEncoder class. |
| [**XMLDecoder**](http://docs.google.com/java/beans/XMLDecoder.html#XMLDecoder(java.io.InputStream,%20java.lang.Object,%20java.beans.ExceptionListener))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Object](http://docs.google.com/java/lang/Object.html) owner, [ExceptionListener](http://docs.google.com/java/beans/ExceptionListener.html) exceptionListener)            Creates a new input stream for reading archives created by the XMLEncoder class. |
| [**XMLDecoder**](http://docs.google.com/java/beans/XMLDecoder.html#XMLDecoder(java.io.InputStream,%20java.lang.Object,%20java.beans.ExceptionListener,%20java.lang.ClassLoader))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Object](http://docs.google.com/java/lang/Object.html) owner, [ExceptionListener](http://docs.google.com/java/beans/ExceptionListener.html) exceptionListener, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) cl)            Creates a new input stream for reading archives created by the XMLEncoder class. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) | |
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| Methods in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **BeanContextSupport.**[**getResourceAsStream**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#getResourceAsStream(java.lang.String,%20java.beans.beancontext.BeanContextChild))([String](http://docs.google.com/java/lang/String.html) name, [BeanContextChild](http://docs.google.com/java/beans/beancontext/BeanContextChild.html) bcc) |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **BeanContext.**[**getResourceAsStream**](http://docs.google.com/java/beans/beancontext/BeanContext.html#getResourceAsStream(java.lang.String,%20java.beans.beancontext.BeanContextChild))([String](http://docs.google.com/java/lang/String.html) name, [BeanContextChild](http://docs.google.com/java/beans/beancontext/BeanContextChild.html) bcc)            Analagous to java.lang.ClassLoader.getResourceAsStream(), this method allows a BeanContext implementation to interpose behavior between the child Component and underlying ClassLoader. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
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| Subclasses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
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| 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 | [**ByteArrayInputStream**](http://docs.google.com/java/io/ByteArrayInputStream.html)            A ByteArrayInputStream contains an internal buffer that contains bytes that may be read from the stream. |
| 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 | [**FileInputStream**](http://docs.google.com/java/io/FileInputStream.html)            A FileInputStream obtains input bytes from a file in a file system. |
| class | [**FilterInputStream**](http://docs.google.com/java/io/FilterInputStream.html)            A FilterInputStream contains some other input stream, which it uses as its basic source of data, possibly transforming the data along the way or providing additional functionality. |
| 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 | [**ObjectInputStream**](http://docs.google.com/java/io/ObjectInputStream.html)            An ObjectInputStream deserializes primitive data and objects previously written using an ObjectOutputStream. |
| class | [**PipedInputStream**](http://docs.google.com/java/io/PipedInputStream.html)            A piped input stream should be connected to a piped output stream; the piped input stream then provides whatever data bytes are written to the piped output stream. |
| 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. |
| class | [**SequenceInputStream**](http://docs.google.com/java/io/SequenceInputStream.html)            A SequenceInputStream represents the logical concatenation of other input streams. |
| class | [**StringBufferInputStream**](http://docs.google.com/java/io/StringBufferInputStream.html)  **Deprecated.** *This class does not properly convert characters into bytes. As of JDK 1.1, the preferred way to create a stream from a string is via the StringReader class.* |

| Fields in [java.io](http://docs.google.com/java/io/package-summary.html) declared as [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| protected  [InputStream](http://docs.google.com/java/io/InputStream.html) | **FilterInputStream.**[**in**](http://docs.google.com/java/io/FilterInputStream.html#in)            The input stream to be filtered. |

| Constructors in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**BufferedInputStream**](http://docs.google.com/java/io/BufferedInputStream.html#BufferedInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a BufferedInputStream and saves its argument, the input stream in, for later use. |
| [**BufferedInputStream**](http://docs.google.com/java/io/BufferedInputStream.html#BufferedInputStream(java.io.InputStream,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, int size)            Creates a BufferedInputStream with the specified buffer size, and saves its argument, the input stream in, for later use. |
| [**DataInputStream**](http://docs.google.com/java/io/DataInputStream.html#DataInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a DataInputStream that uses the specified underlying InputStream. |
| [**FilterInputStream**](http://docs.google.com/java/io/FilterInputStream.html#FilterInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a FilterInputStream by assigning the argument in to the field this.in so as to remember it for later use. |
| [**InputStreamReader**](http://docs.google.com/java/io/InputStreamReader.html#InputStreamReader(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates an InputStreamReader that uses the default charset. |
| [**InputStreamReader**](http://docs.google.com/java/io/InputStreamReader.html#InputStreamReader(java.io.InputStream,%20java.nio.charset.Charset))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Charset](http://docs.google.com/java/nio/charset/Charset.html) cs)            Creates an InputStreamReader that uses the given charset. |
| [**InputStreamReader**](http://docs.google.com/java/io/InputStreamReader.html#InputStreamReader(java.io.InputStream,%20java.nio.charset.CharsetDecoder))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [CharsetDecoder](http://docs.google.com/java/nio/charset/CharsetDecoder.html) dec)            Creates an InputStreamReader that uses the given charset decoder. |
| [**InputStreamReader**](http://docs.google.com/java/io/InputStreamReader.html#InputStreamReader(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [String](http://docs.google.com/java/lang/String.html) charsetName)            Creates an InputStreamReader that uses the named charset. |
| [**LineNumberInputStream**](http://docs.google.com/java/io/LineNumberInputStream.html#LineNumberInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)  **Deprecated.** Constructs a newline number input stream that reads its input from the specified input stream. |
| [**ObjectInputStream**](http://docs.google.com/java/io/ObjectInputStream.html#ObjectInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates an ObjectInputStream that reads from the specified InputStream. |
| [**PushbackInputStream**](http://docs.google.com/java/io/PushbackInputStream.html#PushbackInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a PushbackInputStream and saves its argument, the input stream in, for later use. |
| [**PushbackInputStream**](http://docs.google.com/java/io/PushbackInputStream.html#PushbackInputStream(java.io.InputStream,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, int size)            Creates a PushbackInputStream with a pushback buffer of the specified size, and saves its argument, the input stream in, for later use. |
| [**SequenceInputStream**](http://docs.google.com/java/io/SequenceInputStream.html#SequenceInputStream(java.io.InputStream,%20java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) s1, [InputStream](http://docs.google.com/java/io/InputStream.html) s2)            Initializes a newly created SequenceInputStream by remembering the two arguments, which will be read in order, first s1 and then s2, to provide the bytes to be read from this SequenceInputStream. |
| [**StreamTokenizer**](http://docs.google.com/java/io/StreamTokenizer.html#StreamTokenizer(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)  **Deprecated.** *As of JDK version 1.1, the preferred way to tokenize an input stream is to convert it into a character stream, for example:*  *Reader r = new BufferedReader(new InputStreamReader(is));  StreamTokenizer st = new StreamTokenizer(r);* |

| Constructor parameters in [java.io](http://docs.google.com/java/io/package-summary.html) with type arguments of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [**SequenceInputStream**](http://docs.google.com/java/io/SequenceInputStream.html#SequenceInputStream(java.util.Enumeration))([Enumeration](http://docs.google.com/java/util/Enumeration.html)<? extends [InputStream](http://docs.google.com/java/io/InputStream.html)> e)            Initializes a newly created SequenceInputStream by remembering the argument, which must be an Enumeration that produces objects whose run-time type is InputStream. |

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

| Fields in [java.lang](http://docs.google.com/java/lang/package-summary.html) declared as [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| static [InputStream](http://docs.google.com/java/io/InputStream.html) | **System.**[**in**](http://docs.google.com/java/lang/System.html#in)            The "standard" input stream. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | **Process.**[**getErrorStream**](http://docs.google.com/java/lang/Process.html#getErrorStream())()            Gets the error stream of the subprocess. |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | **Process.**[**getInputStream**](http://docs.google.com/java/lang/Process.html#getInputStream())()            Gets the input stream of the subprocess. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Runtime.**[**getLocalizedInputStream**](http://docs.google.com/java/lang/Runtime.html#getLocalizedInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)  **Deprecated.** *As of JDK 1.1, the preferred way to translate a byte stream in the local encoding into a character stream in Unicode is via the InputStreamReader and BufferedReader classes.* |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ClassLoader.**[**getResourceAsStream**](http://docs.google.com/java/lang/ClassLoader.html#getResourceAsStream(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns an input stream for reading the specified resource. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Class.**[**getResourceAsStream**](http://docs.google.com/java/lang/Class.html#getResourceAsStream(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Finds a resource with a given name. |
| static [InputStream](http://docs.google.com/java/io/InputStream.html) | **ClassLoader.**[**getSystemResourceAsStream**](http://docs.google.com/java/lang/ClassLoader.html#getSystemResourceAsStream(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Open for reading, a resource of the specified name from the search path used to load classes. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Runtime.**[**getLocalizedInputStream**](http://docs.google.com/java/lang/Runtime.html#getLocalizedInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)  **Deprecated.** *As of JDK 1.1, the preferred way to translate a byte stream in the local encoding into a character stream in Unicode is via the InputStreamReader and BufferedReader classes.* |
| static void | **System.**[**setIn**](http://docs.google.com/java/lang/System.html#setIn(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Reassigns the "standard" input stream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.net](http://docs.google.com/java/net/package-summary.html) | |
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| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | **CacheResponse.**[**getBody**](http://docs.google.com/java/net/CacheResponse.html#getBody())()            Returns the response body as an InputStream. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **HttpURLConnection.**[**getErrorStream**](http://docs.google.com/java/net/HttpURLConnection.html#getErrorStream())()            Returns the error stream if the connection failed but the server sent useful data nonetheless. |
| protected abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | **SocketImpl.**[**getInputStream**](http://docs.google.com/java/net/SocketImpl.html#getInputStream())()            Returns an input stream for this socket. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Socket.**[**getInputStream**](http://docs.google.com/java/net/Socket.html#getInputStream())()            Returns an input stream for this socket. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **URLConnection.**[**getInputStream**](http://docs.google.com/java/net/URLConnection.html#getInputStream())()            Returns an input stream that reads from this open connection. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **URL.**[**openStream**](http://docs.google.com/java/net/URL.html#openStream())()            Opens a connection to this URL and returns an InputStream for reading from that connection. |

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| static [String](http://docs.google.com/java/lang/String.html) | **URLConnection.**[**guessContentTypeFromStream**](http://docs.google.com/java/net/URLConnection.html#guessContentTypeFromStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Tries to determine the type of an input stream based on the characters at the beginning of the input stream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) | |
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| Methods in [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| static [InputStream](http://docs.google.com/java/io/InputStream.html) | **Channels.**[**newInputStream**](http://docs.google.com/java/nio/channels/Channels.html#newInputStream(java.nio.channels.ReadableByteChannel))([ReadableByteChannel](http://docs.google.com/java/nio/channels/ReadableByteChannel.html) ch)            Constructs a stream that reads bytes from the given channel. |

| Methods in [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| static [ReadableByteChannel](http://docs.google.com/java/nio/channels/ReadableByteChannel.html) | **Channels.**[**newChannel**](http://docs.google.com/java/nio/channels/Channels.html#newChannel(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Constructs a channel that reads bytes from the given stream. |

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

| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **Certificate.**[**decode**](http://docs.google.com/java/security/Certificate.html#decode(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)  **Deprecated.** Decodes a certificate from an input stream. |
| abstract  void | **KeyStoreSpi.**[**engineLoad**](http://docs.google.com/java/security/KeyStoreSpi.html#engineLoad(java.io.InputStream,%20char%5B%5D))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, char[] password)            Loads the keystore from the given input stream. |
| void | **Provider.**[**load**](http://docs.google.com/java/security/Provider.html#load(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Reads a property list (key and element pairs) from the input stream. |
| void | **KeyStore.**[**load**](http://docs.google.com/java/security/KeyStore.html#load(java.io.InputStream,%20char%5B%5D))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, char[] password)            Loads this KeyStore from the given input stream. |

| Constructors in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**DigestInputStream**](http://docs.google.com/java/security/DigestInputStream.html#DigestInputStream(java.io.InputStream,%20java.security.MessageDigest))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, [MessageDigest](http://docs.google.com/java/security/MessageDigest.html) digest)            Creates a digest input stream, using the specified input stream and message digest. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) | |
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| Methods in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| abstract  [Certificate](http://docs.google.com/java/security/cert/Certificate.html) | **CertificateFactorySpi.**[**engineGenerateCertificate**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertificate(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a certificate object and initializes it with the data read from the input stream inStream. |
| abstract  [Collection](http://docs.google.com/java/util/Collection.html)<? extends [Certificate](http://docs.google.com/java/security/cert/Certificate.html)> | **CertificateFactorySpi.**[**engineGenerateCertificates**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertificates(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Returns a (possibly empty) collection view of the certificates read from the given input stream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactorySpi.**[**engineGenerateCertPath**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertPath(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a CertPath object and initializes it with the data read from the InputStream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactorySpi.**[**engineGenerateCertPath**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertPath(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [String](http://docs.google.com/java/lang/String.html) encoding)            Generates a CertPath object and initializes it with the data read from the InputStream inStream. |
| abstract  [CRL](http://docs.google.com/java/security/cert/CRL.html) | **CertificateFactorySpi.**[**engineGenerateCRL**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCRL(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a certificate revocation list (CRL) object and initializes it with the data read from the input stream inStream. |
| abstract  [Collection](http://docs.google.com/java/util/Collection.html)<? extends [CRL](http://docs.google.com/java/security/cert/CRL.html)> | **CertificateFactorySpi.**[**engineGenerateCRLs**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCRLs(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Returns a (possibly empty) collection view of the CRLs read from the given input stream inStream. |
| [Certificate](http://docs.google.com/java/security/cert/Certificate.html) | **CertificateFactory.**[**generateCertificate**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertificate(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a certificate object and initializes it with the data read from the input stream inStream. |
| [Collection](http://docs.google.com/java/util/Collection.html)<? extends [Certificate](http://docs.google.com/java/security/cert/Certificate.html)> | **CertificateFactory.**[**generateCertificates**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertificates(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Returns a (possibly empty) collection view of the certificates read from the given input stream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactory.**[**generateCertPath**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertPath(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a CertPath object and initializes it with the data read from the InputStream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactory.**[**generateCertPath**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertPath(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [String](http://docs.google.com/java/lang/String.html) encoding)            Generates a CertPath object and initializes it with the data read from the InputStream inStream. |
| [CRL](http://docs.google.com/java/security/cert/CRL.html) | **CertificateFactory.**[**generateCRL**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCRL(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a certificate revocation list (CRL) object and initializes it with the data read from the input stream inStream. |
| [Collection](http://docs.google.com/java/util/Collection.html)<? extends [CRL](http://docs.google.com/java/security/cert/CRL.html)> | **CertificateFactory.**[**generateCRLs**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCRLs(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Returns a (possibly empty) collection view of the CRLs read from the given input stream inStream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
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| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Clob.**[**getAsciiStream**](http://docs.google.com/java/sql/Clob.html#getAsciiStream())()            Retrieves the CLOB value designated by this Clob object as an ascii stream. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ResultSet.**[**getAsciiStream**](http://docs.google.com/java/sql/ResultSet.html#getAsciiStream(int))(int columnIndex)            Retrieves the value of the designated column in the current row of this ResultSet object as a stream of ASCII characters. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ResultSet.**[**getAsciiStream**](http://docs.google.com/java/sql/ResultSet.html#getAsciiStream(java.lang.String))([String](http://docs.google.com/java/lang/String.html) columnLabel)            Retrieves the value of the designated column in the current row of this ResultSet object as a stream of ASCII characters. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SQLXML.**[**getBinaryStream**](http://docs.google.com/java/sql/SQLXML.html#getBinaryStream())()            Retrieves the XML value designated by this SQLXML instance as a stream. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Blob.**[**getBinaryStream**](http://docs.google.com/java/sql/Blob.html#getBinaryStream())()            Retrieves the BLOB value designated by this Blob instance as a stream. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ResultSet.**[**getBinaryStream**](http://docs.google.com/java/sql/ResultSet.html#getBinaryStream(int))(int columnIndex)            Retrieves the value of the designated column in the current row of this ResultSet object as a stream of uninterpreted bytes. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Blob.**[**getBinaryStream**](http://docs.google.com/java/sql/Blob.html#getBinaryStream(long,%20long))(long pos, long length)            Returns an InputStream object that contains a partial Blob value, starting with the byte specified by pos, which is length bytes in length. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ResultSet.**[**getBinaryStream**](http://docs.google.com/java/sql/ResultSet.html#getBinaryStream(java.lang.String))([String](http://docs.google.com/java/lang/String.html) columnLabel)            Retrieves the value of the designated column in the current row of this ResultSet object as a stream of uninterpreted bytes. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ResultSet.**[**getUnicodeStream**](http://docs.google.com/java/sql/ResultSet.html#getUnicodeStream(int))(int columnIndex)  **Deprecated.** *use getCharacterStream in place of getUnicodeStream* |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ResultSet.**[**getUnicodeStream**](http://docs.google.com/java/sql/ResultSet.html#getUnicodeStream(java.lang.String))([String](http://docs.google.com/java/lang/String.html) columnLabel)  **Deprecated.** *use getCharacterStream instead* |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SQLInput.**[**readAsciiStream**](http://docs.google.com/java/sql/SQLInput.html#readAsciiStream())()            Reads the next attribute in the stream and returns it as a stream of ASCII characters. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SQLInput.**[**readBinaryStream**](http://docs.google.com/java/sql/SQLInput.html#readBinaryStream())()            Reads the next attribute in the stream and returns it as a stream of uninterpreted bytes. |

| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| void | **PreparedStatement.**[**setAsciiStream**](http://docs.google.com/java/sql/PreparedStatement.html#setAsciiStream(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter to the given input stream. |
| void | **PreparedStatement.**[**setAsciiStream**](http://docs.google.com/java/sql/PreparedStatement.html#setAsciiStream(int,%20java.io.InputStream,%20int))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **PreparedStatement.**[**setAsciiStream**](http://docs.google.com/java/sql/PreparedStatement.html#setAsciiStream(int,%20java.io.InputStream,%20long))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, long length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **CallableStatement.**[**setAsciiStream**](http://docs.google.com/java/sql/CallableStatement.html#setAsciiStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter to the given input stream. |
| void | **CallableStatement.**[**setAsciiStream**](http://docs.google.com/java/sql/CallableStatement.html#setAsciiStream(java.lang.String,%20java.io.InputStream,%20int))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **CallableStatement.**[**setAsciiStream**](http://docs.google.com/java/sql/CallableStatement.html#setAsciiStream(java.lang.String,%20java.io.InputStream,%20long))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x, long length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **PreparedStatement.**[**setBinaryStream**](http://docs.google.com/java/sql/PreparedStatement.html#setBinaryStream(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter to the given input stream. |
| void | **PreparedStatement.**[**setBinaryStream**](http://docs.google.com/java/sql/PreparedStatement.html#setBinaryStream(int,%20java.io.InputStream,%20int))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **PreparedStatement.**[**setBinaryStream**](http://docs.google.com/java/sql/PreparedStatement.html#setBinaryStream(int,%20java.io.InputStream,%20long))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, long length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **CallableStatement.**[**setBinaryStream**](http://docs.google.com/java/sql/CallableStatement.html#setBinaryStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter to the given input stream. |
| void | **CallableStatement.**[**setBinaryStream**](http://docs.google.com/java/sql/CallableStatement.html#setBinaryStream(java.lang.String,%20java.io.InputStream,%20int))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **CallableStatement.**[**setBinaryStream**](http://docs.google.com/java/sql/CallableStatement.html#setBinaryStream(java.lang.String,%20java.io.InputStream,%20long))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x, long length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **PreparedStatement.**[**setBlob**](http://docs.google.com/java/sql/PreparedStatement.html#setBlob(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Sets the designated parameter to a InputStream object. |
| void | **PreparedStatement.**[**setBlob**](http://docs.google.com/java/sql/PreparedStatement.html#setBlob(int,%20java.io.InputStream,%20long))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, long length)            Sets the designated parameter to a InputStream object. |
| void | **CallableStatement.**[**setBlob**](http://docs.google.com/java/sql/CallableStatement.html#setBlob(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Sets the designated parameter to a InputStream object. |
| void | **CallableStatement.**[**setBlob**](http://docs.google.com/java/sql/CallableStatement.html#setBlob(java.lang.String,%20java.io.InputStream,%20long))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, long length)            Sets the designated parameter to a InputStream object. |
| void | **PreparedStatement.**[**setUnicodeStream**](http://docs.google.com/java/sql/PreparedStatement.html#setUnicodeStream(int,%20java.io.InputStream,%20int))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)  **Deprecated.** |
| void | **ResultSet.**[**updateAsciiStream**](http://docs.google.com/java/sql/ResultSet.html#updateAsciiStream(int,%20java.io.InputStream))(int columnIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Updates the designated column with an ascii stream value. |
| void | **ResultSet.**[**updateAsciiStream**](http://docs.google.com/java/sql/ResultSet.html#updateAsciiStream(int,%20java.io.InputStream,%20int))(int columnIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Updates the designated column with an ascii stream value, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateAsciiStream**](http://docs.google.com/java/sql/ResultSet.html#updateAsciiStream(int,%20java.io.InputStream,%20long))(int columnIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, long length)            Updates the designated column with an ascii stream value, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateAsciiStream**](http://docs.google.com/java/sql/ResultSet.html#updateAsciiStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) columnLabel, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Updates the designated column with an ascii stream value. |
| void | **ResultSet.**[**updateAsciiStream**](http://docs.google.com/java/sql/ResultSet.html#updateAsciiStream(java.lang.String,%20java.io.InputStream,%20int))([String](http://docs.google.com/java/lang/String.html) columnLabel, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Updates the designated column with an ascii stream value, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateAsciiStream**](http://docs.google.com/java/sql/ResultSet.html#updateAsciiStream(java.lang.String,%20java.io.InputStream,%20long))([String](http://docs.google.com/java/lang/String.html) columnLabel, [InputStream](http://docs.google.com/java/io/InputStream.html) x, long length)            Updates the designated column with an ascii stream value, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateBinaryStream**](http://docs.google.com/java/sql/ResultSet.html#updateBinaryStream(int,%20java.io.InputStream))(int columnIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Updates the designated column with a binary stream value. |
| void | **ResultSet.**[**updateBinaryStream**](http://docs.google.com/java/sql/ResultSet.html#updateBinaryStream(int,%20java.io.InputStream,%20int))(int columnIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Updates the designated column with a binary stream value, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateBinaryStream**](http://docs.google.com/java/sql/ResultSet.html#updateBinaryStream(int,%20java.io.InputStream,%20long))(int columnIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, long length)            Updates the designated column with a binary stream value, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateBinaryStream**](http://docs.google.com/java/sql/ResultSet.html#updateBinaryStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) columnLabel, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Updates the designated column with a binary stream value. |
| void | **ResultSet.**[**updateBinaryStream**](http://docs.google.com/java/sql/ResultSet.html#updateBinaryStream(java.lang.String,%20java.io.InputStream,%20int))([String](http://docs.google.com/java/lang/String.html) columnLabel, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Updates the designated column with a binary stream value, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateBinaryStream**](http://docs.google.com/java/sql/ResultSet.html#updateBinaryStream(java.lang.String,%20java.io.InputStream,%20long))([String](http://docs.google.com/java/lang/String.html) columnLabel, [InputStream](http://docs.google.com/java/io/InputStream.html) x, long length)            Updates the designated column with a binary stream value, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateBlob**](http://docs.google.com/java/sql/ResultSet.html#updateBlob(int,%20java.io.InputStream))(int columnIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Updates the designated column using the given input stream. |
| void | **ResultSet.**[**updateBlob**](http://docs.google.com/java/sql/ResultSet.html#updateBlob(int,%20java.io.InputStream,%20long))(int columnIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, long length)            Updates the designated column using the given input stream, which will have the specified number of bytes. |
| void | **ResultSet.**[**updateBlob**](http://docs.google.com/java/sql/ResultSet.html#updateBlob(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) columnLabel, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Updates the designated column using the given input stream. |
| void | **ResultSet.**[**updateBlob**](http://docs.google.com/java/sql/ResultSet.html#updateBlob(java.lang.String,%20java.io.InputStream,%20long))([String](http://docs.google.com/java/lang/String.html) columnLabel, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, long length)            Updates the designated column using the given input stream, which will have the specified number of bytes. |
| void | **SQLOutput.**[**writeAsciiStream**](http://docs.google.com/java/sql/SQLOutput.html#writeAsciiStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) x)            Writes the next attribute to the stream as a stream of ASCII characters. |
| void | **SQLOutput.**[**writeBinaryStream**](http://docs.google.com/java/sql/SQLOutput.html#writeBinaryStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) x)            Writes the next attribute to the stream as a stream of uninterpreted bytes. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
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| Methods in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| void | **Properties.**[**load**](http://docs.google.com/java/util/Properties.html#load(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Reads a property list (key and element pairs) from the input byte stream. |
| void | **Properties.**[**loadFromXML**](http://docs.google.com/java/util/Properties.html#loadFromXML(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Loads all of the properties represented by the XML document on the specified input stream into this properties table. |

| Constructors in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**PropertyResourceBundle**](http://docs.google.com/java/util/PropertyResourceBundle.html#PropertyResourceBundle(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Creates a property resource bundle from an [InputStream](http://docs.google.com/java/io/InputStream.html). |
| [**Scanner**](http://docs.google.com/java/util/Scanner.html#Scanner(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) source)            Constructs a new Scanner that produces values scanned from the specified input stream. |
| [**Scanner**](http://docs.google.com/java/util/Scanner.html#Scanner(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) source, [String](http://docs.google.com/java/lang/String.html) charsetName)            Constructs a new Scanner that produces values scanned from the specified input stream. |

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

| Methods in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **JarFile.**[**getInputStream**](http://docs.google.com/java/util/jar/JarFile.html#getInputStream(java.util.zip.ZipEntry))([ZipEntry](http://docs.google.com/java/util/zip/ZipEntry.html) ze)            Returns an input stream for reading the contents of the specified zip file entry. |

| Methods in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **Manifest.**[**read**](http://docs.google.com/java/util/jar/Manifest.html#read(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Reads the Manifest from the specified InputStream. |
| void | **Pack200.Unpacker.**[**unpack**](http://docs.google.com/java/util/jar/Pack200.Unpacker.html#unpack(java.io.InputStream,%20java.util.jar.JarOutputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [JarOutputStream](http://docs.google.com/java/util/jar/JarOutputStream.html) out)            Read a Pack200 archive, and write the encoded JAR to a JarOutputStream. |

| Constructors in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**JarInputStream**](http://docs.google.com/java/util/jar/JarInputStream.html#JarInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a new JarInputStream and reads the optional manifest. |
| [**JarInputStream**](http://docs.google.com/java/util/jar/JarInputStream.html#JarInputStream(java.io.InputStream,%20boolean))([InputStream](http://docs.google.com/java/io/InputStream.html) in, boolean verify)            Creates a new JarInputStream and reads the optional manifest. |
| [**Manifest**](http://docs.google.com/java/util/jar/Manifest.html#Manifest(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Constructs a new Manifest from the specified input stream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.util.logging](http://docs.google.com/java/util/logging/package-summary.html) | |
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| Methods in [java.util.logging](http://docs.google.com/java/util/logging/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **LogManager.**[**readConfiguration**](http://docs.google.com/java/util/logging/LogManager.html#readConfiguration(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) ins)            Reinitialize the logging properties and reread the logging configuration from the given stream, which should be in java.util.Properties format. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [java.util.prefs](http://docs.google.com/java/util/prefs/package-summary.html) | |
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| Methods in [java.util.prefs](http://docs.google.com/java/util/prefs/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| static void | **Preferences.**[**importPreferences**](http://docs.google.com/java/util/prefs/Preferences.html#importPreferences(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Imports all of the preferences represented by the XML document on the specified input stream. |

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

| Methods in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ZipFile.**[**getInputStream**](http://docs.google.com/java/util/zip/ZipFile.html#getInputStream(java.util.zip.ZipEntry))([ZipEntry](http://docs.google.com/java/util/zip/ZipEntry.html) entry)            Returns an input stream for reading the contents of the specified zip file entry. |

| Constructors in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.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. |
| [**DeflaterInputStream**](http://docs.google.com/java/util/zip/DeflaterInputStream.html#DeflaterInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a new input stream with a default compressor and buffer size. |
| [**DeflaterInputStream**](http://docs.google.com/java/util/zip/DeflaterInputStream.html#DeflaterInputStream(java.io.InputStream,%20java.util.zip.Deflater))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Deflater](http://docs.google.com/java/util/zip/Deflater.html) defl)            Creates a new input stream with the specified compressor and a default buffer size. |
| [**DeflaterInputStream**](http://docs.google.com/java/util/zip/DeflaterInputStream.html#DeflaterInputStream(java.io.InputStream,%20java.util.zip.Deflater,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Deflater](http://docs.google.com/java/util/zip/Deflater.html) defl, int bufLen)            Creates a new input stream with the specified compressor and buffer size. |
| [**GZIPInputStream**](http://docs.google.com/java/util/zip/GZIPInputStream.html#GZIPInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a new input stream with a default buffer size. |
| [**GZIPInputStream**](http://docs.google.com/java/util/zip/GZIPInputStream.html#GZIPInputStream(java.io.InputStream,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, int size)            Creates a new input stream with the specified buffer size. |
| [**InflaterInputStream**](http://docs.google.com/java/util/zip/InflaterInputStream.html#InflaterInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a new input stream with a default decompressor and buffer size. |
| [**InflaterInputStream**](http://docs.google.com/java/util/zip/InflaterInputStream.html#InflaterInputStream(java.io.InputStream,%20java.util.zip.Inflater))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Inflater](http://docs.google.com/java/util/zip/Inflater.html) inf)            Creates a new input stream with the specified decompressor and a default buffer size. |
| [**InflaterInputStream**](http://docs.google.com/java/util/zip/InflaterInputStream.html#InflaterInputStream(java.io.InputStream,%20java.util.zip.Inflater,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Inflater](http://docs.google.com/java/util/zip/Inflater.html) inf, int size)            Creates a new input stream with the specified decompressor and buffer size. |
| [**ZipInputStream**](http://docs.google.com/java/util/zip/ZipInputStream.html#ZipInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) in)            Creates a new ZIP input stream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) | |
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| Methods in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **AccessibleStreamable.**[**getStream**](http://docs.google.com/javax/accessibility/AccessibleStreamable.html#getStream(java.awt.datatransfer.DataFlavor))([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) flavor)            Returns an InputStream for a DataFlavor |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) | |
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| Methods in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **URLDataSource.**[**getInputStream**](http://docs.google.com/javax/activation/URLDataSource.html#getInputStream())()            The getInputStream method from the URL. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **FileDataSource.**[**getInputStream**](http://docs.google.com/javax/activation/FileDataSource.html#getInputStream())()            This method will return an InputStream representing the the data and will throw an IOException if it can not do so. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **DataSource.**[**getInputStream**](http://docs.google.com/javax/activation/DataSource.html#getInputStream())()            This method returns an InputStream representing the data and throws the appropriate exception if it can not do so. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **DataHandler.**[**getInputStream**](http://docs.google.com/javax/activation/DataHandler.html#getInputStream())()            Get the InputStream for this object. |

| Constructors in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**MailcapCommandMap**](http://docs.google.com/javax/activation/MailcapCommandMap.html#MailcapCommandMap(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Constructor that allows the caller to specify an *InputStream* containing a mailcap file. |
| [**MimetypesFileTypeMap**](http://docs.google.com/javax/activation/MimetypesFileTypeMap.html#MimetypesFileTypeMap(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Construct a MimetypesFileTypeMap with programmatic entries added from the InputStream. |

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

| Constructors in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**CipherInputStream**](http://docs.google.com/javax/crypto/CipherInputStream.html#CipherInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Constructs a CipherInputStream from an InputStream without specifying a Cipher. |
| [**CipherInputStream**](http://docs.google.com/javax/crypto/CipherInputStream.html#CipherInputStream(java.io.InputStream,%20javax.crypto.Cipher))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [Cipher](http://docs.google.com/javax/crypto/Cipher.html) c)            Constructs a CipherInputStream from an InputStream and a Cipher. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) | |
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| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| static [BufferedImage](http://docs.google.com/java/awt/image/BufferedImage.html) | **ImageIO.**[**read**](http://docs.google.com/javax/imageio/ImageIO.html#read(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) input)            Returns a BufferedImage as the result of decoding a supplied InputStream with an ImageReader chosen automatically from among those currently registered. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.imageio.stream](http://docs.google.com/javax/imageio/stream/package-summary.html) | |
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| Constructors in [javax.imageio.stream](http://docs.google.com/javax/imageio/stream/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**FileCacheImageInputStream**](http://docs.google.com/javax/imageio/stream/FileCacheImageInputStream.html#FileCacheImageInputStream(java.io.InputStream,%20java.io.File))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, [File](http://docs.google.com/java/io/File.html) cacheDir)            Constructs a FileCacheImageInputStream that will read from a given InputStream. |
| [**MemoryCacheImageInputStream**](http://docs.google.com/javax/imageio/stream/MemoryCacheImageInputStream.html#MemoryCacheImageInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Constructs a MemoryCacheImageInputStream that will read from a given InputStream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.management.loading](http://docs.google.com/javax/management/loading/package-summary.html) | |
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| Methods in [javax.management.loading](http://docs.google.com/javax/management/loading/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **MLetMBean.**[**getResourceAsStream**](http://docs.google.com/javax/management/loading/MLetMBean.html#getResourceAsStream(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns an input stream for reading the specified resource. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.print](http://docs.google.com/javax/print/package-summary.html) | |
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| Methods in [javax.print](http://docs.google.com/javax/print/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SimpleDoc.**[**getStreamForBytes**](http://docs.google.com/javax/print/SimpleDoc.html#getStreamForBytes())()            Obtains an input stream for extracting byte print data from this doc. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Doc.**[**getStreamForBytes**](http://docs.google.com/javax/print/Doc.html#getStreamForBytes())()            Obtains an input stream for extracting byte print data from this doc. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.security.auth.x500](http://docs.google.com/javax/security/auth/x500/package-summary.html) | |
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| Constructors in [javax.security.auth.x500](http://docs.google.com/javax/security/auth/x500/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [**X500Principal**](http://docs.google.com/javax/security/auth/x500/X500Principal.html#X500Principal(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Creates an X500Principal from an InputStream containing the distinguished name in ASN.1 DER encoded form. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) | |
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| Methods in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| static [X509Certificate](http://docs.google.com/javax/security/cert/X509Certificate.html) | **X509Certificate.**[**getInstance**](http://docs.google.com/javax/security/cert/X509Certificate.html#getInstance(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Instantiates an X509Certificate object, and initializes it with the data read from the input stream inStream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) | |
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| Methods in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| static [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiSystem.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getMidiFileFormat(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains the MIDI file format of the data in the specified input stream. |
| static [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiSystem.**[**getSequence**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSequence(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains a MIDI sequence from the specified input stream. |
| static [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **MidiSystem.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSoundbank(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Constructs a MIDI sound bank by reading it from the specified stream. |
| void | **Sequencer.**[**setSequence**](http://docs.google.com/javax/sound/midi/Sequencer.html#setSequence(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Sets the current sequence on which the sequencer operates. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.sound.midi.spi](http://docs.google.com/javax/sound/midi/spi/package-summary.html) | |
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| Methods in [javax.sound.midi.spi](http://docs.google.com/javax/sound/midi/spi/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| abstract  [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiFileReader.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getMidiFileFormat(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains the MIDI file format of the input stream provided. |
| abstract  [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiFileReader.**[**getSequence**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getSequence(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains a MIDI sequence from the input stream provided. |
| abstract  [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **SoundbankReader.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/spi/SoundbankReader.html#getSoundbank(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains a soundbank object from the InputStream provided. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) | |
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| Subclasses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) | |
| --- | --- |
| class | [**AudioInputStream**](http://docs.google.com/javax/sound/sampled/AudioInputStream.html)            An audio input stream is an input stream with a specified audio format and length. |

| Methods in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| static [AudioFileFormat](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html) | **AudioSystem.**[**getAudioFileFormat**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#getAudioFileFormat(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains the audio file format of the provided input stream. |
| static [AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) | **AudioSystem.**[**getAudioInputStream**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#getAudioInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains an audio input stream from the provided input stream. |

| Constructors in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**AudioInputStream**](http://docs.google.com/javax/sound/sampled/AudioInputStream.html#AudioInputStream(java.io.InputStream,%20javax.sound.sampled.AudioFormat,%20long))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, [AudioFormat](http://docs.google.com/javax/sound/sampled/AudioFormat.html) format, long length)            Constructs an audio input stream that has the requested format and length in sample frames, using audio data from the specified input stream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.sound.sampled.spi](http://docs.google.com/javax/sound/sampled/spi/package-summary.html) | |
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| Methods in [javax.sound.sampled.spi](http://docs.google.com/javax/sound/sampled/spi/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| abstract  [AudioFileFormat](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html) | **AudioFileReader.**[**getAudioFileFormat**](http://docs.google.com/javax/sound/sampled/spi/AudioFileReader.html#getAudioFileFormat(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains the audio file format of the input stream provided. |
| abstract  [AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) | **AudioFileReader.**[**getAudioInputStream**](http://docs.google.com/javax/sound/sampled/spi/AudioFileReader.html#getAudioInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Obtains an audio input stream from the input stream provided. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.sql](http://docs.google.com/javax/sql/package-summary.html) | |
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| Methods in [javax.sql](http://docs.google.com/javax/sql/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| void | **RowSet.**[**setAsciiStream**](http://docs.google.com/javax/sql/RowSet.html#setAsciiStream(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter in this RowSet object's command to the given input stream. |
| void | **RowSet.**[**setAsciiStream**](http://docs.google.com/javax/sql/RowSet.html#setAsciiStream(int,%20java.io.InputStream,%20int))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter in this RowSet object's command to the given java.io.InputStream value. |
| void | **RowSet.**[**setAsciiStream**](http://docs.google.com/javax/sql/RowSet.html#setAsciiStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter to the given input stream. |
| void | **RowSet.**[**setAsciiStream**](http://docs.google.com/javax/sql/RowSet.html#setAsciiStream(java.lang.String,%20java.io.InputStream,%20int))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **RowSet.**[**setBinaryStream**](http://docs.google.com/javax/sql/RowSet.html#setBinaryStream(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter in this RowSet object's command to the given input stream. |
| void | **RowSet.**[**setBinaryStream**](http://docs.google.com/javax/sql/RowSet.html#setBinaryStream(int,%20java.io.InputStream,%20int))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter in this RowSet object's command to the given java.io.InputStream value. |
| void | **RowSet.**[**setBinaryStream**](http://docs.google.com/javax/sql/RowSet.html#setBinaryStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter to the given input stream. |
| void | **RowSet.**[**setBinaryStream**](http://docs.google.com/javax/sql/RowSet.html#setBinaryStream(java.lang.String,%20java.io.InputStream,%20int))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **RowSet.**[**setBlob**](http://docs.google.com/javax/sql/RowSet.html#setBlob(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Sets the designated parameter to a InputStream object. |
| void | **RowSet.**[**setBlob**](http://docs.google.com/javax/sql/RowSet.html#setBlob(int,%20java.io.InputStream,%20long))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, long length)            Sets the designated parameter to a InputStream object. |
| void | **RowSet.**[**setBlob**](http://docs.google.com/javax/sql/RowSet.html#setBlob(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Sets the designated parameter to a InputStream object. |
| void | **RowSet.**[**setBlob**](http://docs.google.com/javax/sql/RowSet.html#setBlob(java.lang.String,%20java.io.InputStream,%20long))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, long length)            Sets the designated parameter to a InputStream object. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) | |
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| Fields in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) declared as [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| protected  [InputStream](http://docs.google.com/java/io/InputStream.html) | **BaseRowSet.**[**asciiStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#asciiStream)            The InputStream object that will be returned by the method getAsciiStream, which is specified in the ResultSet interface. |
| protected  [InputStream](http://docs.google.com/java/io/InputStream.html) | **BaseRowSet.**[**binaryStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#binaryStream)            The InputStream object that will be returned by the method getBinaryStream, which is specified in the ResultSet interface. |
| protected  [InputStream](http://docs.google.com/java/io/InputStream.html) | **BaseRowSet.**[**unicodeStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#unicodeStream)            The InputStream object that will be returned by the method getUnicodeStream, which is specified in the ResultSet interface. |

| Methods in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **WebRowSet.**[**readXml**](http://docs.google.com/javax/sql/rowset/WebRowSet.html#readXml(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) iStream)            Reads a stream based XML input to populate this WebRowSet object. |
| void | **BaseRowSet.**[**setAsciiStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setAsciiStream(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter in this RowSet object's command to the given input stream. |
| void | **BaseRowSet.**[**setAsciiStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setAsciiStream(int,%20java.io.InputStream,%20int))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given java.io.InputStream object, which will have the specified number of bytes. |
| void | **BaseRowSet.**[**setAsciiStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setAsciiStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter to the given input stream. |
| void | **BaseRowSet.**[**setAsciiStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setAsciiStream(java.lang.String,%20java.io.InputStream,%20int))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **BaseRowSet.**[**setBinaryStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setBinaryStream(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter in this RowSet object's command to the given input stream. |
| void | **BaseRowSet.**[**setBinaryStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setBinaryStream(int,%20java.io.InputStream,%20int))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given java.io.InputStream object, which will have the specified number of bytes. |
| void | **BaseRowSet.**[**setBinaryStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setBinaryStream(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x)            Sets the designated parameter to the given input stream. |
| void | **BaseRowSet.**[**setBinaryStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setBinaryStream(java.lang.String,%20java.io.InputStream,%20int))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)            Sets the designated parameter to the given input stream, which will have the specified number of bytes. |
| void | **BaseRowSet.**[**setBlob**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setBlob(int,%20java.io.InputStream))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Sets the designated parameter to a InputStream object. |
| void | **BaseRowSet.**[**setBlob**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setBlob(int,%20java.io.InputStream,%20long))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, long length)            Sets the designated parameter to a InputStream object. |
| void | **BaseRowSet.**[**setBlob**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setBlob(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Sets the designated parameter to a InputStream object. |
| void | **BaseRowSet.**[**setBlob**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setBlob(java.lang.String,%20java.io.InputStream,%20long))([String](http://docs.google.com/java/lang/String.html) parameterName, [InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, long length)            Sets the designated parameter to a InputStream object. |
| void | **BaseRowSet.**[**setUnicodeStream**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setUnicodeStream(int,%20java.io.InputStream,%20int))(int parameterIndex, [InputStream](http://docs.google.com/java/io/InputStream.html) x, int length)  **Deprecated.** *getCharacterStream should be used in its place* |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) | |
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| Methods in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SerialClob.**[**getAsciiStream**](http://docs.google.com/javax/sql/rowset/serial/SerialClob.html#getAsciiStream())()            Retrieves the CLOB value designated by this SerialClob object as an ascii stream. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SerialBlob.**[**getBinaryStream**](http://docs.google.com/javax/sql/rowset/serial/SerialBlob.html#getBinaryStream())()            Returns this SerialBlob object as an input stream. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SerialBlob.**[**getBinaryStream**](http://docs.google.com/javax/sql/rowset/serial/SerialBlob.html#getBinaryStream(long,%20long))(long pos, long length)            Returns an InputStream object that contains a partial Blob value, starting with the byte specified by pos, which is length bytes in length. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SQLInputImpl.**[**readAsciiStream**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readAsciiStream())()            Returns the next attribute in this SQLInputImpl object as a stream of ASCII characters. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SQLInputImpl.**[**readBinaryStream**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readBinaryStream())()            Returns the next attribute in this SQLInputImpl object as a stream of uninterpreted bytes. |

| Methods in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **SQLOutputImpl.**[**writeAsciiStream**](http://docs.google.com/javax/sql/rowset/serial/SQLOutputImpl.html#writeAsciiStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) x)            Writes a stream of ASCII characters to this SQLOutputImpl object. |
| void | **SQLOutputImpl.**[**writeBinaryStream**](http://docs.google.com/javax/sql/rowset/serial/SQLOutputImpl.html#writeBinaryStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) x)            Writes a stream of uninterpreted bytes to this SQLOutputImpl object. |

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

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| protected  [InputStream](http://docs.google.com/java/io/InputStream.html) | **JEditorPane.**[**getStream**](http://docs.google.com/javax/swing/JEditorPane.html#getStream(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) page)            Fetches a stream for the given URL, which is about to be loaded by the setPage method. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **JEditorPane.**[**read**](http://docs.google.com/javax/swing/JEditorPane.html#read(java.io.InputStream,%20java.lang.Object))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Object](http://docs.google.com/java/lang/Object.html) desc)            This method initializes from a stream. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [**ProgressMonitorInputStream**](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html#ProgressMonitorInputStream(java.awt.Component,%20java.lang.Object,%20java.io.InputStream))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [InputStream](http://docs.google.com/java/io/InputStream.html) in)            Constructs an object to monitor the progress of an input stream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) | |
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| Methods in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **SynthLookAndFeel.**[**load**](http://docs.google.com/javax/swing/plaf/synth/SynthLookAndFeel.html#load(java.io.InputStream,%20java.lang.Class))([InputStream](http://docs.google.com/java/io/InputStream.html) input, [Class](http://docs.google.com/java/lang/Class.html)<?> resourceBase)            Loads the set of SynthStyles that will be used by this SynthLookAndFeel. |

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

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **DefaultEditorKit.**[**read**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Document](http://docs.google.com/javax/swing/text/Document.html) doc, int pos)            Inserts content from the given stream which is expected to be in a format appropriate for this kind of content handler. |
| abstract  void | **EditorKit.**[**read**](http://docs.google.com/javax/swing/text/EditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Document](http://docs.google.com/javax/swing/text/Document.html) doc, int pos)            Inserts content from the given stream which is expected to be in a format appropriate for this kind of content handler. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.swing.text.rtf](http://docs.google.com/javax/swing/text/rtf/package-summary.html) | |
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| Methods in [javax.swing.text.rtf](http://docs.google.com/javax/swing/text/rtf/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **RTFEditorKit.**[**read**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Document](http://docs.google.com/javax/swing/text/Document.html) doc, int pos)            Insert content from the given stream which is expected to be in a format appropriate for this kind of content handler. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
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| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SimpleJavaFileObject.**[**openInputStream**](http://docs.google.com/javax/tools/SimpleJavaFileObject.html#openInputStream())()            This implementation always throws [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html). |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **ForwardingFileObject.**[**openInputStream**](http://docs.google.com/javax/tools/ForwardingFileObject.html#openInputStream())() |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **FileObject.**[**openInputStream**](http://docs.google.com/javax/tools/FileObject.html#openInputStream())()            Gets an InputStream for this file object. |

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| int | **Tool.**[**run**](http://docs.google.com/javax/tools/Tool.html#run(java.io.InputStream,%20java.io.OutputStream,%20java.io.OutputStream,%20java.lang.String...))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [OutputStream](http://docs.google.com/java/io/OutputStream.html) out, [OutputStream](http://docs.google.com/java/io/OutputStream.html) err, [String](http://docs.google.com/java/lang/String.html)... arguments)            Run the tool with the given I/O channels and arguments. |

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

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Unmarshal XML data from the specified InputStream and return the resulting content tree. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is) |

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

| Methods in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **OctetStreamData.**[**getOctetStream**](http://docs.google.com/javax/xml/crypto/OctetStreamData.html#getOctetStream())()            Returns the input stream of this OctetStreamData. |

| Constructors in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [**OctetStreamData**](http://docs.google.com/javax/xml/crypto/OctetStreamData.html#OctetStreamData(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) octetStream)            Creates a new OctetStreamData. |
| [**OctetStreamData**](http://docs.google.com/javax/xml/crypto/OctetStreamData.html#OctetStreamData(java.io.InputStream,%20java.lang.String,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) octetStream, [String](http://docs.google.com/java/lang/String.html) uri, [String](http://docs.google.com/java/lang/String.html) mimeType)            Creates a new OctetStreamData. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
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| Methods in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **SignedInfo.**[**getCanonicalizedData**](http://docs.google.com/javax/xml/crypto/dsig/SignedInfo.html#getCanonicalizedData())()            Returns the canonicalized signed info bytes after a signing or validation operation. |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **Reference.**[**getDigestInputStream**](http://docs.google.com/javax/xml/crypto/dsig/Reference.html#getDigestInputStream())()            Returns the pre-digested input stream, if [reference caching](http://docs.google.com/javax/xml/crypto/dsig/XMLSignContext.html#Supported%20Properties) is enabled. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.xml.parsers](http://docs.google.com/javax/xml/parsers/package-summary.html) | |
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| Methods in [javax.xml.parsers](http://docs.google.com/javax/xml/parsers/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [Document](http://docs.google.com/org/w3c/dom/Document.html) | **DocumentBuilder.**[**parse**](http://docs.google.com/javax/xml/parsers/DocumentBuilder.html#parse(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Parse the content of the given InputStream as an XML document and return a new DOM [Document](http://docs.google.com/org/w3c/dom/Document.html) object. |
| void | **SAXParser.**[**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.InputStream,%20org.xml.sax.helpers.DefaultHandler))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)            Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html). |
| void | **SAXParser.**[**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.InputStream,%20org.xml.sax.helpers.DefaultHandler,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh, [String](http://docs.google.com/java/lang/String.html) systemId)            Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html). |
| void | **SAXParser.**[**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.InputStream,%20org.xml.sax.HandlerBase))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)            Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html). |
| void | **SAXParser.**[**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.InputStream,%20org.xml.sax.HandlerBase,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb, [String](http://docs.google.com/java/lang/String.html) systemId)            Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html). |
| [Document](http://docs.google.com/org/w3c/dom/Document.html) | **DocumentBuilder.**[**parse**](http://docs.google.com/javax/xml/parsers/DocumentBuilder.html#parse(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [String](http://docs.google.com/java/lang/String.html) systemId)            Parse the content of the given InputStream as an XML document and return a new DOM [Document](http://docs.google.com/org/w3c/dom/Document.html) object. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) | |
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| Methods in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | **AttachmentPart.**[**getBase64Content**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getBase64Content())()            Returns an InputStream which can be used to obtain the content of AttachmentPart as Base64 encoded character data, this method would base64 encode the raw bytes of the attachment and return. |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | **AttachmentPart.**[**getRawContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getRawContent())()            Gets the content of this AttachmentPart object as an InputStream as if a call had been made to getContent and no DataContentHandler had been registered for the content-type of this AttachmentPart. |

| Methods in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| abstract  [SOAPMessage](http://docs.google.com/javax/xml/soap/SOAPMessage.html) | **MessageFactory.**[**createMessage**](http://docs.google.com/javax/xml/soap/MessageFactory.html#createMessage(javax.xml.soap.MimeHeaders,%20java.io.InputStream))([MimeHeaders](http://docs.google.com/javax/xml/soap/MimeHeaders.html) headers, [InputStream](http://docs.google.com/java/io/InputStream.html) in)            Internalizes the contents of the given InputStream object into a new SOAPMessage object and returns the SOAPMessage object. |
| abstract  void | **AttachmentPart.**[**setBase64Content**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setBase64Content(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) content, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part from the Base64 source InputStream and sets the value of the Content-Type header to the value contained in contentType, This method would first decode the base64 input and write the resulting raw bytes to the attachment. |
| abstract  void | **AttachmentPart.**[**setRawContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setRawContent(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) content, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part to that contained by the InputStream content and sets the value of the Content-Type header to the value contained in contentType. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) | |
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| Methods in [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Create a new XMLEventReader from a java.io.InputStream |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, [String](http://docs.google.com/java/lang/String.html) encoding)            Create a new XMLEventReader from a java.io.InputStream |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) systemId, [InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Create a new XMLEventReader from a java.io.InputStream |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Create a new XMLStreamReader from a java.io.InputStream |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, [String](http://docs.google.com/java/lang/String.html) encoding)            Create a new XMLStreamReader from a java.io.InputStream |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) systemId, [InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Create a new XMLStreamReader from a java.io.InputStream |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) | |
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| Methods in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **StreamSource.**[**getInputStream**](http://docs.google.com/javax/xml/transform/stream/StreamSource.html#getInputStream())()            Get the byte stream that was set with setByteStream. |

| Methods in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **StreamSource.**[**setInputStream**](http://docs.google.com/javax/xml/transform/stream/StreamSource.html#setInputStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Set the byte stream to be used as input. |

| Constructors in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**StreamSource**](http://docs.google.com/javax/xml/transform/stream/StreamSource.html#StreamSource(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inputStream)            Construct a StreamSource from a byte stream. |
| [**StreamSource**](http://docs.google.com/javax/xml/transform/stream/StreamSource.html#StreamSource(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) inputStream, [String](http://docs.google.com/java/lang/String.html) systemId)            Construct a StreamSource from a byte stream. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) | |
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| Methods in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **GSSContext.**[**acceptSecContext**](http://docs.google.com/org/ietf/jgss/GSSContext.html#acceptSecContext(java.io.InputStream,%20java.io.OutputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [OutputStream](http://docs.google.com/java/io/OutputStream.html) outStream)            Called by the context acceptor to process a token from the peer using streams. |
| void | **GSSContext.**[**getMIC**](http://docs.google.com/org/ietf/jgss/GSSContext.html#getMIC(java.io.InputStream,%20java.io.OutputStream,%20org.ietf.jgss.MessageProp))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [OutputStream](http://docs.google.com/java/io/OutputStream.html) outStream, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Uses streams to produce a token containing a cryptographic MIC for the supplied message, for transfer to the peer application. |
| int | **GSSContext.**[**initSecContext**](http://docs.google.com/org/ietf/jgss/GSSContext.html#initSecContext(java.io.InputStream,%20java.io.OutputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [OutputStream](http://docs.google.com/java/io/OutputStream.html) outStream)            Called by the context initiator to start the context creation phase and process any tokens generated by the peer's acceptSecContext method using streams. |
| void | **GSSContext.**[**unwrap**](http://docs.google.com/org/ietf/jgss/GSSContext.html#unwrap(java.io.InputStream,%20java.io.OutputStream,%20org.ietf.jgss.MessageProp))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [OutputStream](http://docs.google.com/java/io/OutputStream.html) outStream, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Uses streams to process tokens generated by the wrap method on the other side of the context. |
| void | **GSSContext.**[**verifyMIC**](http://docs.google.com/org/ietf/jgss/GSSContext.html#verifyMIC(java.io.InputStream,%20java.io.InputStream,%20org.ietf.jgss.MessageProp))([InputStream](http://docs.google.com/java/io/InputStream.html) tokStream, [InputStream](http://docs.google.com/java/io/InputStream.html) msgStream, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Uses streams to verify the cryptographic MIC, contained in the token parameter, over the supplied message. |
| void | **GSSContext.**[**wrap**](http://docs.google.com/org/ietf/jgss/GSSContext.html#wrap(java.io.InputStream,%20java.io.OutputStream,%20org.ietf.jgss.MessageProp))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [OutputStream](http://docs.google.com/java/io/OutputStream.html) outStream, [MessageProp](http://docs.google.com/org/ietf/jgss/MessageProp.html) msgProp)            Applies per-message security services over the established security context using streams. |

| Constructors in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [**Oid**](http://docs.google.com/org/ietf/jgss/Oid.html#Oid(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) derOid)            Creates an Oid object from its ASN.1 DER encoding. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html) | |
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| Subclasses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html) | |
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| class | [**InputStream**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html)            InputStream is the Java API for reading IDL types from CDR marshal streams. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [org.w3c.dom.ls](http://docs.google.com/org/w3c/dom/ls/package-summary.html) | |
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| Methods in [org.w3c.dom.ls](http://docs.google.com/org/w3c/dom/ls/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
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| [InputStream](http://docs.google.com/java/io/InputStream.html) | **LSInput.**[**getByteStream**](http://docs.google.com/org/w3c/dom/ls/LSInput.html#getByteStream())()            An attribute of a language and binding dependent type that represents a stream of bytes. |

| Methods in [org.w3c.dom.ls](http://docs.google.com/org/w3c/dom/ls/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **LSInput.**[**setByteStream**](http://docs.google.com/org/w3c/dom/ls/LSInput.html#setByteStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) byteStream)            An attribute of a language and binding dependent type that represents a stream of bytes. |

| Uses of [InputStream](http://docs.google.com/java/io/InputStream.html) in [org.xml.sax](http://docs.google.com/org/xml/sax/package-summary.html) | |
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| Methods in [org.xml.sax](http://docs.google.com/org/xml/sax/package-summary.html) that return [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [InputStream](http://docs.google.com/java/io/InputStream.html) | **InputSource.**[**getByteStream**](http://docs.google.com/org/xml/sax/InputSource.html#getByteStream())()            Get the byte stream for this input source. |

| Methods in [org.xml.sax](http://docs.google.com/org/xml/sax/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| void | **InputSource.**[**setByteStream**](http://docs.google.com/org/xml/sax/InputSource.html#setByteStream(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) byteStream)            Set the byte stream for this input source. |

| Constructors in [org.xml.sax](http://docs.google.com/org/xml/sax/package-summary.html) with parameters of type [InputStream](http://docs.google.com/java/io/InputStream.html) | |
| --- | --- |
| [**InputSource**](http://docs.google.com/org/xml/sax/InputSource.html#InputSource(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) byteStream)            Create a new input source with a byte stream. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/io/InputStream.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-useInputStream.html)    [**NO FRAMES**](http://docs.google.com/InputStream.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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