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

**Uses of Interface**

**java.io.DataInput**

| Packages that use [DataInput](http://docs.google.com/java/io/DataInput.html) | |
| --- | --- |
| [**java.io**](#3znysh7) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.rmi.server**](#2et92p0) | Provides classes and interfaces for supporting the server side of RMI. |
| [**javax.imageio.stream**](#tyjcwt) | A package of the Java Image I/O API dealing with low-level I/O from files and streams. |

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

| Subinterfaces of [DataInput](http://docs.google.com/java/io/DataInput.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
| --- | --- |
| interface | [**ObjectInput**](http://docs.google.com/java/io/ObjectInput.html)            ObjectInput extends the DataInput interface to include the reading of objects. |

| Classes in [java.io](http://docs.google.com/java/io/package-summary.html) that implement [DataInput](http://docs.google.com/java/io/DataInput.html) | |
| --- | --- |
| 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 | [**ObjectInputStream**](http://docs.google.com/java/io/ObjectInputStream.html)            An ObjectInputStream deserializes primitive data and objects previously written using an ObjectOutputStream. |
| class | [**RandomAccessFile**](http://docs.google.com/java/io/RandomAccessFile.html)            Instances of this class support both reading and writing to a random access file. |

| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [DataInput](http://docs.google.com/java/io/DataInput.html) | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | **DataInputStream.**[**readUTF**](http://docs.google.com/java/io/DataInputStream.html#readUTF(java.io.DataInput))([DataInput](http://docs.google.com/java/io/DataInput.html) in)            Reads from the stream in a representation of a Unicode character string encoded in [modified UTF-8](http://docs.google.com/java/io/DataInput.html#modified-utf-8) format; this string of characters is then returned as a String. |

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

| Methods in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) with parameters of type [DataInput](http://docs.google.com/java/io/DataInput.html) | |
| --- | --- |
| static [UID](http://docs.google.com/java/rmi/server/UID.html) | **UID.**[**read**](http://docs.google.com/java/rmi/server/UID.html#read(java.io.DataInput))([DataInput](http://docs.google.com/java/io/DataInput.html) in)            Constructs and returns a new UID instance by unmarshalling a binary representation from an DataInput instance. |

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

| Subinterfaces of [DataInput](http://docs.google.com/java/io/DataInput.html) in [javax.imageio.stream](http://docs.google.com/javax/imageio/stream/package-summary.html) | |
| --- | --- |
| interface | [**ImageInputStream**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html)            A seekable input stream interface for use by ImageReaders. |
| interface | [**ImageOutputStream**](http://docs.google.com/javax/imageio/stream/ImageOutputStream.html)            A seekable output stream interface for use by ImageWriters. |

| Classes in [javax.imageio.stream](http://docs.google.com/javax/imageio/stream/package-summary.html) that implement [DataInput](http://docs.google.com/java/io/DataInput.html) | |
| --- | --- |
| class | [**FileCacheImageInputStream**](http://docs.google.com/javax/imageio/stream/FileCacheImageInputStream.html)            An implementation of ImageInputStream that gets its input from a regular InputStream. |
| class | [**FileCacheImageOutputStream**](http://docs.google.com/javax/imageio/stream/FileCacheImageOutputStream.html)            An implementation of ImageOutputStream that writes its output to a regular OutputStream. |
| class | [**FileImageInputStream**](http://docs.google.com/javax/imageio/stream/FileImageInputStream.html)            An implementation of ImageInputStream that gets its input from a File or RandomAccessFile. |
| class | [**FileImageOutputStream**](http://docs.google.com/javax/imageio/stream/FileImageOutputStream.html)            An implementation of ImageOutputStream that writes its output directly to a File or RandomAccessFile. |
| class | [**ImageInputStreamImpl**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)            An abstract class implementing the ImageInputStream interface. |
| class | [**ImageOutputStreamImpl**](http://docs.google.com/javax/imageio/stream/ImageOutputStreamImpl.html)            An abstract class implementing the ImageOutputStream interface. |
| class | [**MemoryCacheImageInputStream**](http://docs.google.com/javax/imageio/stream/MemoryCacheImageInputStream.html)            An implementation of ImageInputStream that gets its input from a regular InputStream. |
| class | [**MemoryCacheImageOutputStream**](http://docs.google.com/javax/imageio/stream/MemoryCacheImageOutputStream.html)            An implementation of ImageOutputStream that writes its output to a regular OutputStream. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/io/DataInput.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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