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

**Uses of Interface**

**java.io.DataOutput**

| Packages that use [DataOutput](http://docs.google.com/java/io/DataOutput.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 [DataOutput](http://docs.google.com/java/io/DataOutput.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
| --- | --- |

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

| Classes in [java.io](http://docs.google.com/java/io/package-summary.html) that implement [DataOutput](http://docs.google.com/java/io/DataOutput.html) | |
| --- | --- |
| class | [**DataOutputStream**](http://docs.google.com/java/io/DataOutputStream.html)            A data output stream lets an application write primitive Java data types to an output stream in a portable way. |
| class | [**ObjectOutputStream**](http://docs.google.com/java/io/ObjectOutputStream.html)            An ObjectOutputStream writes primitive data types and graphs of Java objects to an OutputStream. |
| class | [**RandomAccessFile**](http://docs.google.com/java/io/RandomAccessFile.html)            Instances of this class support both reading and writing to a random access file. |

| Uses of [DataOutput](http://docs.google.com/java/io/DataOutput.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 [DataOutput](http://docs.google.com/java/io/DataOutput.html) | |
| --- | --- |
| void | **UID.**[**write**](http://docs.google.com/java/rmi/server/UID.html#write(java.io.DataOutput))([DataOutput](http://docs.google.com/java/io/DataOutput.html) out)            Marshals a binary representation of this UID to a DataOutput instance. |

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

| Subinterfaces of [DataOutput](http://docs.google.com/java/io/DataOutput.html) in [javax.imageio.stream](http://docs.google.com/javax/imageio/stream/package-summary.html) | |
| --- | --- |
| 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 [DataOutput](http://docs.google.com/java/io/DataOutput.html) | |
| --- | --- |
| class | [**FileCacheImageOutputStream**](http://docs.google.com/javax/imageio/stream/FileCacheImageOutputStream.html)            An implementation of ImageOutputStream that writes its output to a regular OutputStream. |
| 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 | [**ImageOutputStreamImpl**](http://docs.google.com/javax/imageio/stream/ImageOutputStreamImpl.html)            An abstract class implementing the ImageOutputStream interface. |
| 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/DataOutput.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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