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

**Uses of Interface**

**java.io.ObjectOutput**

| Packages that use [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | |
| --- | --- |
| [**java.awt.datatransfer**](#3znysh7) | Provides interfaces and classes for transferring data between and within applications. |
| [**java.io**](#2et92p0) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.rmi.server**](#tyjcwt) | Provides classes and interfaces for supporting the server side of RMI. |
| [**javax.activation**](#3dy6vkm) |  |
| [**javax.management.loading**](#1t3h5sf) | Provides the classes which implement advanced dynamic loading. |

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

| Methods in [java.awt.datatransfer](http://docs.google.com/java/awt/datatransfer/package-summary.html) with parameters of type [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | |
| --- | --- |
| void | **DataFlavor.**[**writeExternal**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#writeExternal(java.io.ObjectOutput))([ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) os)            Serializes this DataFlavor. |

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

| Classes in [java.io](http://docs.google.com/java/io/package-summary.html) that implement [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | |
| --- | --- |
| class | [**ObjectOutputStream**](http://docs.google.com/java/io/ObjectOutputStream.html)            An ObjectOutputStream writes primitive data types and graphs of Java objects to an OutputStream. |

| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | |
| --- | --- |
| abstract  void | **ObjectOutputStream.PutField.**[**write**](http://docs.google.com/java/io/ObjectOutputStream.PutField.html#write(java.io.ObjectOutput))([ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) out)  **Deprecated.** *This method does not write the values contained by this PutField object in a proper format, and may result in corruption of the serialization stream. The correct way to write PutField data is by calling the* [*ObjectOutputStream.writeFields()*](http://docs.google.com/java/io/ObjectOutputStream.html#writeFields()) *method.* |
| void | **Externalizable.**[**writeExternal**](http://docs.google.com/java/io/Externalizable.html#writeExternal(java.io.ObjectOutput))([ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) out)            The object implements the writeExternal method to save its contents by calling the methods of DataOutput for its primitive values or calling the writeObject method of ObjectOutput for objects, strings, and arrays. |

| Uses of [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.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) that return [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | |
| --- | --- |
| [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | **RemoteCall.**[**getOutputStream**](http://docs.google.com/java/rmi/server/RemoteCall.html#getOutputStream())()  **Deprecated.** *no replacement* |
| [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | **RemoteCall.**[**getResultStream**](http://docs.google.com/java/rmi/server/RemoteCall.html#getResultStream(boolean))(boolean success)  **Deprecated.** *no replacement* |

| Methods in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) with parameters of type [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | **RemoteRef.**[**getRefClass**](http://docs.google.com/java/rmi/server/RemoteRef.html#getRefClass(java.io.ObjectOutput))([ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) out)            Returns the class name of the ref type to be serialized onto the stream 'out'. |
| void | **ObjID.**[**write**](http://docs.google.com/java/rmi/server/ObjID.html#write(java.io.ObjectOutput))([ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) out)            Marshals a binary representation of this ObjID to an ObjectOutput instance. |

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

| Methods in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) with parameters of type [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | |
| --- | --- |
| void | **MimeType.**[**writeExternal**](http://docs.google.com/javax/activation/MimeType.html#writeExternal(java.io.ObjectOutput))([ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) out)            The object implements the writeExternal method to save its contents by calling the methods of DataOutput for its primitive values or calling the writeObject method of ObjectOutput for objects, strings and arrays. |

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

| Methods in [javax.management.loading](http://docs.google.com/javax/management/loading/package-summary.html) with parameters of type [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) | |
| --- | --- |
| void | **MLet.**[**writeExternal**](http://docs.google.com/javax/management/loading/MLet.html#writeExternal(java.io.ObjectOutput))([ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html) out)            Save this MLet's contents to the given [ObjectOutput](http://docs.google.com/java/io/ObjectOutput.html). |

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