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

**Uses of Class**

**java.io.ObjectOutputStream**

| Packages that use [ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.beans.beancontext**](#2et92p0) | Provides classes and interfaces relating to bean context. |
| [**javax.rmi.CORBA**](#tyjcwt) | Contains portability APIs for RMI-IIOP. |
| [**javax.swing.text**](#3dy6vkm) | Provides classes and interfaces that deal with editable and noneditable text components. |

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

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) | |
| --- | --- |
| protected static void | **AWTEventMulticaster.**[**save**](http://docs.google.com/java/awt/AWTEventMulticaster.html#save(java.io.ObjectOutputStream,%20java.lang.String,%20java.util.EventListener))([ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) s, [String](http://docs.google.com/java/lang/String.html) k, [EventListener](http://docs.google.com/java/util/EventListener.html) l) |
| protected  void | **AWTEventMulticaster.**[**saveInternal**](http://docs.google.com/java/awt/AWTEventMulticaster.html#saveInternal(java.io.ObjectOutputStream,%20java.lang.String))([ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) s, [String](http://docs.google.com/java/lang/String.html) k) |

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

| Methods in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) with parameters of type [ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) | |
| --- | --- |
| protected  void | **BeanContextServicesSupport.**[**bcsPreSerializationHook**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#bcsPreSerializationHook(java.io.ObjectOutputStream))([ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) oos)            called from BeanContextSupport writeObject before it serializes the children ... |
| protected  void | **BeanContextSupport.**[**bcsPreSerializationHook**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#bcsPreSerializationHook(java.io.ObjectOutputStream))([ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) oos)            called by writeObject after defaultWriteObject() but prior to serialization of currently serializable children. |
| protected  void | **BeanContextSupport.**[**serialize**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#serialize(java.io.ObjectOutputStream,%20java.util.Collection))([ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) oos, [Collection](http://docs.google.com/java/util/Collection.html) coll)            Used by writeObject to serialize a Collection. |
| void | **BeanContextSupport.**[**writeChildren**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#writeChildren(java.io.ObjectOutputStream))([ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) oos)            Used to serialize all children of this BeanContext. |

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

| Methods in [javax.rmi.CORBA](http://docs.google.com/javax/rmi/CORBA/package-summary.html) with parameters of type [ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) | |
| --- | --- |
| void | **StubDelegate.**[**writeObject**](http://docs.google.com/javax/rmi/CORBA/StubDelegate.html#writeObject(javax.rmi.CORBA.Stub,%20java.io.ObjectOutputStream))([Stub](http://docs.google.com/javax/rmi/CORBA/Stub.html) self, [ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) s)            Delegation call for [Stub.writeObject(java.io.ObjectOutputStream)](http://docs.google.com/serialized-form.html#javax.rmi.CORBA.Stub). |

| Uses of [ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.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 [ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) | |
| --- | --- |
| void | **StyleContext.**[**writeAttributes**](http://docs.google.com/javax/swing/text/StyleContext.html#writeAttributes(java.io.ObjectOutputStream,%20javax.swing.text.AttributeSet))([ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) out, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Context-specific handling of writing out attributes |
| static void | **StyleContext.**[**writeAttributeSet**](http://docs.google.com/javax/swing/text/StyleContext.html#writeAttributeSet(java.io.ObjectOutputStream,%20javax.swing.text.AttributeSet))([ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) out, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Writes a set of attributes to the given object stream for the purpose of serialization. |

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