| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/OutputStream.html) | [**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 CLASS**](http://docs.google.com/org/omg/CORBA_2_3/portable/ObjectImpl.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA_2_3/portable/OutputStream.html)    [**NO FRAMES**](http://docs.google.com/OutputStream.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

## **org.omg.CORBA\_2\_3.portable**

Class OutputStream

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.io.OutputStream](http://docs.google.com/java/io/OutputStream.html)  
 [org.omg.CORBA.portable.OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html)  
 **org.omg.CORBA\_2\_3.portable.OutputStream**

**All Implemented Interfaces:** [Closeable](http://docs.google.com/java/io/Closeable.html), [Flushable](http://docs.google.com/java/io/Flushable.html)

public abstract class **OutputStream**extends [OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html)

OutputStream provides interface for writing of all of the mapped IDL type to the stream. It extends org.omg.CORBA.portable.OutputStream, and defines new methods defined by CORBA 2.3.

**Since:** JDK1.2 **See Also:**[OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html)

| **Constructor Summary** | |
| --- | --- |
| [**OutputStream**](http://docs.google.com/org/omg/CORBA_2_3/portable/OutputStream.html#OutputStream())() |

| **Method Summary** | |
| --- | --- |
| void | [**write\_abstract\_interface**](http://docs.google.com/org/omg/CORBA_2_3/portable/OutputStream.html#write_abstract_interface(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Marshals a value object or a stub object. |
| void | [**write\_value**](http://docs.google.com/org/omg/CORBA_2_3/portable/OutputStream.html#write_value(java.io.Serializable))([Serializable](http://docs.google.com/java/io/Serializable.html) value)            Marshals a value type to the output stream. |
| void | [**write\_value**](http://docs.google.com/org/omg/CORBA_2_3/portable/OutputStream.html#write_value(java.io.Serializable,%20org.omg.CORBA.portable.BoxedValueHelper))([Serializable](http://docs.google.com/java/io/Serializable.html) value, [BoxedValueHelper](http://docs.google.com/org/omg/CORBA/portable/BoxedValueHelper.html) factory)            Marshals a value type to the output stream. |
| void | [**write\_value**](http://docs.google.com/org/omg/CORBA_2_3/portable/OutputStream.html#write_value(java.io.Serializable,%20java.lang.Class))([Serializable](http://docs.google.com/java/io/Serializable.html) value, [Class](http://docs.google.com/java/lang/Class.html) clz)            Marshals a value type to the output stream. |
| void | [**write\_value**](http://docs.google.com/org/omg/CORBA_2_3/portable/OutputStream.html#write_value(java.io.Serializable,%20java.lang.String))([Serializable](http://docs.google.com/java/io/Serializable.html) value, [String](http://docs.google.com/java/lang/String.html) repository\_id)            Marshals a value type to the output stream. |

| **Methods inherited from class org.omg.CORBA.portable.**[**OutputStream**](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) |
| --- |
| [create\_input\_stream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#create_input_stream()), [orb](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#orb()), [write\_any](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_any(org.omg.CORBA.Any)), [write\_boolean\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_boolean_array(boolean%5B%5D,%20int,%20int)), [write\_boolean](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_boolean(boolean)), [write\_char\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_char_array(char%5B%5D,%20int,%20int)), [write\_char](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_char(char)), [write\_Context](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_Context(org.omg.CORBA.Context,%20org.omg.CORBA.ContextList)), [write\_double\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_double_array(double%5B%5D,%20int,%20int)), [write\_double](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_double(double)), [write\_fixed](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_fixed(java.math.BigDecimal)), [write\_float\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_float_array(float%5B%5D,%20int,%20int)), [write\_float](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_float(float)), [write\_long\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_long_array(int%5B%5D,%20int,%20int)), [write\_long](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_long(int)), [write\_longlong\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_longlong_array(long%5B%5D,%20int,%20int)), [write\_longlong](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_longlong(long)), [write\_Object](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_Object(org.omg.CORBA.Object)), [write\_octet\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_octet_array(byte%5B%5D,%20int,%20int)), [write\_octet](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_octet(byte)), [write\_Principal](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_Principal(org.omg.CORBA.Principal)), [write\_short\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_short_array(short%5B%5D,%20int,%20int)), [write\_short](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_short(short)), [write\_string](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_string(java.lang.String)), [write\_TypeCode](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_TypeCode(org.omg.CORBA.TypeCode)), [write\_ulong\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_ulong_array(int%5B%5D,%20int,%20int)), [write\_ulong](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_ulong(int)), [write\_ulonglong\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_ulonglong_array(long%5B%5D,%20int,%20int)), [write\_ulonglong](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_ulonglong(long)), [write\_ushort\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_ushort_array(short%5B%5D,%20int,%20int)), [write\_ushort](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_ushort(short)), [write\_wchar\_array](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_wchar_array(char%5B%5D,%20int,%20int)), [write\_wchar](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_wchar(char)), [write\_wstring](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write_wstring(java.lang.String)), [write](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html#write(int)) |

| **Methods inherited from class java.io.**[**OutputStream**](http://docs.google.com/java/io/OutputStream.html) |
| --- |
| [close](http://docs.google.com/java/io/OutputStream.html#close()), [flush](http://docs.google.com/java/io/OutputStream.html#flush()), [write](http://docs.google.com/java/io/OutputStream.html#write(byte%5B%5D)), [write](http://docs.google.com/java/io/OutputStream.html#write(byte%5B%5D,%20int,%20int)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### OutputStream

public **OutputStream**()

| **Method Detail** |
| --- |

### write\_value

public void **write\_value**([Serializable](http://docs.google.com/java/io/Serializable.html) value)

Marshals a value type to the output stream.

**Parameters:**value - is the acutal value to write

### write\_value

public void **write\_value**([Serializable](http://docs.google.com/java/io/Serializable.html) value,  
 [Class](http://docs.google.com/java/lang/Class.html) clz)

Marshals a value type to the output stream.

**Parameters:**value - is the acutal value to writeclz - is the declared type of the value to be marshaled

### write\_value

public void **write\_value**([Serializable](http://docs.google.com/java/io/Serializable.html) value,  
 [String](http://docs.google.com/java/lang/String.html) repository\_id)

Marshals a value type to the output stream.

**Parameters:**value - is the acutal value to writerepository\_id - identifies the type of the value type to be marshaled

### write\_value

public void **write\_value**([Serializable](http://docs.google.com/java/io/Serializable.html) value,  
 [BoxedValueHelper](http://docs.google.com/org/omg/CORBA/portable/BoxedValueHelper.html) factory)

Marshals a value type to the output stream.

**Parameters:**value - is the acutal value to writefactory - is the instance of the helper to be used for marshaling the boxed value

### write\_abstract\_interface

public void **write\_abstract\_interface**([Object](http://docs.google.com/java/lang/Object.html) obj)

Marshals a value object or a stub object.

**Parameters:**obj - the actual value object to marshal or the stub to be marshalled

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/OutputStream.html) | [**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 CLASS**](http://docs.google.com/org/omg/CORBA_2_3/portable/ObjectImpl.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA_2_3/portable/OutputStream.html)    [**NO FRAMES**](http://docs.google.com/OutputStream.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

[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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