| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FloatHolder.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/FixedHolder.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/FloatSeqHelper.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/FloatHolder.html)    [**NO FRAMES**](http://docs.google.com/FloatHolder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#2s8eyo1) | [METHOD](#26in1rg) |

## **org.omg.CORBA**

Class FloatHolder

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **org.omg.CORBA.FloatHolder**

**All Implemented Interfaces:** [Streamable](http://docs.google.com/org/omg/CORBA/portable/Streamable.html)

public final class **FloatHolder**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Streamable](http://docs.google.com/org/omg/CORBA/portable/Streamable.html)

The Holder for Float. For more information on Holder files, see  ["Generated Files: Holder Files"](http://docs.google.com/doc-files/generatedfiles.html#holder).

A Holder class for a float that is used to store "out" and "inout" parameters in IDL methods. If an IDL method signature has an IDL float as an "out" or "inout" parameter, the programmer must pass an instance of FloatHolder as the corresponding parameter in the method invocation; for "inout" parameters, the programmer must also fill the "in" value to be sent to the server. Before the method invocation returns, the ORB will fill in the value corresponding to the "out" value returned from the server.

If myFloatHolder is an instance of FloatHolder, the value stored in its value field can be accessed with myFloatHolder.value.

**Since:** JDK1.2

| **Field Summary** | |
| --- | --- |
| float | [**value**](http://docs.google.com/org/omg/CORBA/FloatHolder.html#value)            The float value held by this FloatHolder object. |

| **Constructor Summary** | |
| --- | --- |
| [**FloatHolder**](http://docs.google.com/org/omg/CORBA/FloatHolder.html#FloatHolder())()            Constructs a new FloatHolder object with its value field initialized to 0.0. |
| [**FloatHolder**](http://docs.google.com/org/omg/CORBA/FloatHolder.html#FloatHolder(float))(float initial)            Constructs a new FloatHolder object for the given float. |

| **Method Summary** | |
| --- | --- |
| void | [**\_read**](http://docs.google.com/org/omg/CORBA/FloatHolder.html#_read(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input)            Read a float from an input stream and initialize the value member with the float value. |
| [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**\_type**](http://docs.google.com/org/omg/CORBA/FloatHolder.html#_type())()            Return the TypeCode of this Streamable. |
| void | [**\_write**](http://docs.google.com/org/omg/CORBA/FloatHolder.html#_write(org.omg.CORBA.portable.OutputStream))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) output)            Write the float value into an output stream. |

| **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)) |

| **Field Detail** |
| --- |

### value

public float **value**

The float value held by this FloatHolder object.

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

### FloatHolder

public **FloatHolder**()

Constructs a new FloatHolder object with its value field initialized to 0.0.

### FloatHolder

public **FloatHolder**(float initial)

Constructs a new FloatHolder object for the given float.

**Parameters:**initial - the float with which to initialize the value field of the new FloatHolder object

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

### \_read

public void **\_read**([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input)

Read a float from an input stream and initialize the value member with the float value.

**Specified by:**[\_read](http://docs.google.com/org/omg/CORBA/portable/Streamable.html#_read(org.omg.CORBA.portable.InputStream)) in interface [Streamable](http://docs.google.com/org/omg/CORBA/portable/Streamable.html) **Parameters:**input - the InputStream to read from.

### \_write

public void **\_write**([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) output)

Write the float value into an output stream.

**Specified by:**[\_write](http://docs.google.com/org/omg/CORBA/portable/Streamable.html#_write(org.omg.CORBA.portable.OutputStream)) in interface [Streamable](http://docs.google.com/org/omg/CORBA/portable/Streamable.html) **Parameters:**output - the OutputStream to write into.

### \_type

public [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) **\_type**()

Return the TypeCode of this Streamable.

**Specified by:**[\_type](http://docs.google.com/org/omg/CORBA/portable/Streamable.html#_type()) in interface [Streamable](http://docs.google.com/org/omg/CORBA/portable/Streamable.html) **Returns:**the TypeCode object.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FloatHolder.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*** |
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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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