| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ValueBaseHolder.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/ValueBaseHelper.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/ValueMember.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/ValueBaseHolder.html)    [**NO FRAMES**](http://docs.google.com/ValueBaseHolder.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 ValueBaseHolder

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

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

public final class **ValueBaseHolder**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 ValueBase. 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 java.io.Serializable that is used to store "out" and "inout" parameters in IDL methods. If an IDL method signature has an IDL ValueBase as an "out" or "inout" parameter, the programmer must pass an instance of ValueBaseHolder 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 myValueBaseHolder is an instance of ValueBaseHolder, the value stored in its value field can be accessed with myValueBaseHolder.value.

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

| **Constructor Summary** | |
| --- | --- |
| [**ValueBaseHolder**](http://docs.google.com/org/omg/CORBA/ValueBaseHolder.html#ValueBaseHolder())()            Constructs a new ValueBaseHolder object with its value field initialized to 0. |
| [**ValueBaseHolder**](http://docs.google.com/org/omg/CORBA/ValueBaseHolder.html#ValueBaseHolder(java.io.Serializable))([Serializable](http://docs.google.com/java/io/Serializable.html) initial)            Constructs a new ValueBaseHolder object with its value field initialized to the given java.io.Serializable. |

| **Method Summary** | |
| --- | --- |
| void | [**\_read**](http://docs.google.com/org/omg/CORBA/ValueBaseHolder.html#_read(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input)            Reads from input and initalizes the value in the Holder with the unmarshalled data. |
| [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**\_type**](http://docs.google.com/org/omg/CORBA/ValueBaseHolder.html#_type())()            Returns the TypeCode object corresponding to the value held in the Holder. |
| void | [**\_write**](http://docs.google.com/org/omg/CORBA/ValueBaseHolder.html#_write(org.omg.CORBA.portable.OutputStream))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) output)            Marshals to output the value in the Holder. |

| **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 [Serializable](http://docs.google.com/java/io/Serializable.html) **value**

The java.io.Serializable value held by this ValueBaseHolder object.

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

### ValueBaseHolder

public **ValueBaseHolder**()

Constructs a new ValueBaseHolder object with its value field initialized to 0.

### ValueBaseHolder

public **ValueBaseHolder**([Serializable](http://docs.google.com/java/io/Serializable.html) initial)

Constructs a new ValueBaseHolder object with its value field initialized to the given java.io.Serializable.

**Parameters:**initial - the java.io.Serializable with which to initialize the value field of the newly-created ValueBaseHolder object

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

### \_read

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

Reads from input and initalizes the value in the Holder with the unmarshalled data.

**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 containing CDR formatted data from the wire

### \_write

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

Marshals to output the value in the Holder.

**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 which will contain the CDR formatted data

### \_type

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

Returns the TypeCode object corresponding to the value held in the Holder.

**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 of the value held in the holder

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