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

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

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

public final class **AnyHolder**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 Any. For more information on Holder files, see  ["Generated Files: Holder Files"](http://docs.google.com/doc-files/generatedfiles.html#holder).

A Holder class for Any objects that is used to store "out" and "inout" parameters in IDL methods. If an IDL method signature has an IDL any as an "out" or "inout" parameter, the programmer must pass an instance of AnyHolder 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 myAnyHolder is an instance of AnyHolder, the value stored in its value field can be accessed with myAnyHolder.value.

**Since:** JDK1.2

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

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

| **Method Summary** | |
| --- | --- |
| void | [**\_read**](http://docs.google.com/org/omg/CORBA/AnyHolder.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/AnyHolder.html#_type())()            Returns the TypeCode object corresponding to the value held in this AnyHolder object. |
| void | [**\_write**](http://docs.google.com/org/omg/CORBA/AnyHolder.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 this AnyHolder object. |

| **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 [Any](http://docs.google.com/org/omg/CORBA/Any.html) **value**

The Any value held by this AnyHolder object.

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

### AnyHolder

public **AnyHolder**()

Constructs a new AnyHolder object with its value field initialized to null.

### AnyHolder

public **AnyHolder**([Any](http://docs.google.com/org/omg/CORBA/Any.html) initial)

Constructs a new AnyHolder object for the given Any object.

**Parameters:**initial - the Any object with which to initialize the value field of the new AnyHolder 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 this AnyHolder object.

**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 this AnyHolder object.

**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 this AnyHolder 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/AnyHolder.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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