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

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

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

public final class **StringHolder**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 String. 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 String that is used to store "out" and "inout" parameters in IDL operations. If an IDL operation signature has an IDL string as an "out" or "inout" parameter, the programmer must pass an instance of StringHolder 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 myStringHolder is an instance of StringHolder, the value stored in its value field can be accessed with myStringHolder.value.

**Since:** JDK1.2

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

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

| **Method Summary** | |
| --- | --- |
| void | [**\_read**](http://docs.google.com/org/omg/CORBA/StringHolder.html#_read(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input)            Reads the unmarshalled data from input and assigns it to the value field of this StringHolder object. |
| [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**\_type**](http://docs.google.com/org/omg/CORBA/StringHolder.html#_type())()            Retrieves the TypeCode object that corresponds to the value held in this StringHolder object. |
| void | [**\_write**](http://docs.google.com/org/omg/CORBA/StringHolder.html#_write(org.omg.CORBA.portable.OutputStream))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) output)            Marshals the value held by this StringHolder object to the output stream output. |

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

The String value held by this StringHolder object.

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

### StringHolder

public **StringHolder**()

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

### StringHolder

public **StringHolder**([String](http://docs.google.com/java/lang/String.html) initial)

Constructs a new StringHolder object with its value field initialized to the given String.

**Parameters:**initial - the String with which to initialize the value field of the newly-created StringHolder object

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

### \_read

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

Reads the unmarshalled data from input and assigns it to the value field of this StringHolder object.

**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 the value held by this StringHolder object to the output stream output.

**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**()

Retrieves the TypeCode object that corresponds to the value held in this StringHolder 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 type code of the value held in this StringHolder 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/StringHolder.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/ShortSeqHolder.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/StringSeqHelper.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/StringHolder.html)    [**NO FRAMES**](http://docs.google.com/StringHolder.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) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).