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

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

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

public final class **ServiceInformationHolder**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 ServiceInformation. 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 ServiceInformation object that is used to store "out" and "inout" parameters in IDL methods. If an IDL method signature has an IDL xxx as an "out" or "inout" parameter, the programmer must pass an instance of ServiceInformationHolder 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 myServiceInformationHolder is an instance of ServiceInformationHolder, the value stored in its value field can be accessed with myServiceInformationHolder.value.

| **Field Summary** | |
| --- | --- |
| [ServiceInformation](http://docs.google.com/org/omg/CORBA/ServiceInformation.html) | [**value**](http://docs.google.com/org/omg/CORBA/ServiceInformationHolder.html#value)            The ServiceInformation value held by this ServiceInformationHolder object in its value field. |

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

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

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

The ServiceInformation value held by this ServiceInformationHolder object in its value field.

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

### ServiceInformationHolder

public **ServiceInformationHolder**()

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

### ServiceInformationHolder

public **ServiceInformationHolder**([ServiceInformation](http://docs.google.com/org/omg/CORBA/ServiceInformation.html) arg)

Constructs a new ServiceInformationHolder object with its value field initialized to the given ServiceInformation object.

**Parameters:**arg - the ServiceInformation object with which to initialize the value field of the newly-created ServiceInformationHolder object

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

### \_write

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

Marshals the value in this ServiceInformationHolder object's value field to the output stream out.

**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:**out - the OutputStream object that will contain the CDR formatted data

### \_read

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

Reads unmarshalled data from the input stream in and assigns it to the value field in this ServiceInformationHolder 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:**in - the InputStream object containing CDR formatted data from the wire

### \_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 ServiceInformationHolder object's value field.

**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 for the value held in this ServiceInformationHolder 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/ServiceInformationHolder.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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