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

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

**All Implemented Interfaces:** [Streamable](http://docs.google.com/org/omg/CORBA/portable/Streamable.html)**Deprecated.** *Deprecated by CORBA 2.2.*

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

A container class for values of type Principal that is used to store "out" and "inout" parameters in IDL methods. If an IDL method signature has an IDL Principal as an "out" or "inout" parameter, the programmer must pass an instance of PrincipalHolder 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 myPrincipalHolder is an instance of PrincipalHolder, the value stored in its value field can be accessed with myPrincipalHolder.value.

**Since:** JDK1.2

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

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

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

**Deprecated.** The Principal value held by this PrincipalHolder object.

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

### PrincipalHolder

public **PrincipalHolder**()

**Deprecated.** Constructs a new PrincipalHolder object with its value field initialized to null.

### PrincipalHolder

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

**Deprecated.** Constructs a new PrincipalHolder object with its value field initialized to the given Principal object.

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

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

### \_read

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

**Deprecated.** **Description copied from interface:** [**Streamable**](http://docs.google.com/org/omg/CORBA/portable/Streamable.html#_read(org.omg.CORBA.portable.InputStream)) Reads data from istream and initalizes the value field of 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 that represents the CDR data from the wire.

### \_write

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

**Deprecated.** **Description copied from interface:** [**Streamable**](http://docs.google.com/org/omg/CORBA/portable/Streamable.html#_write(org.omg.CORBA.portable.OutputStream)) Marshals to ostream the value in the value field of 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 CDR OutputStream

### \_type

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

**Deprecated.** **Description copied from interface:** [**Streamable**](http://docs.google.com/org/omg/CORBA/portable/Streamable.html#_type()) Retrieves the TypeCode object corresponding to the value in the value field of 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 object for 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/PrincipalHolder.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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