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

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

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

public final class **ParameterModeHolder**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Streamable](http://docs.google.com/org/omg/CORBA/portable/Streamable.html)

Enumeration of parameter modes for Parameter. Possible vaues:

* PARAM\_IN - Represents an "in" parameter.
* PARAM\_OUT - Represents an "out" parameter.
* PARAM\_INOUT - Represents an "inout" parameter.

| **Field Summary** | |
| --- | --- |
| [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) | [**value**](http://docs.google.com/org/omg/CORBA/ParameterModeHolder.html#value) |

| **Constructor Summary** | |
| --- | --- |
| [**ParameterModeHolder**](http://docs.google.com/org/omg/CORBA/ParameterModeHolder.html#ParameterModeHolder())() |
| [**ParameterModeHolder**](http://docs.google.com/org/omg/CORBA/ParameterModeHolder.html#ParameterModeHolder(org.omg.CORBA.ParameterMode))([ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) initialValue) |

| **Method Summary** | |
| --- | --- |
| void | [**\_read**](http://docs.google.com/org/omg/CORBA/ParameterModeHolder.html#_read(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) i)            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/ParameterModeHolder.html#_type())()            Retrieves the TypeCode object corresponding to the value in the value field of the Holder. |
| void | [**\_write**](http://docs.google.com/org/omg/CORBA/ParameterModeHolder.html#_write(org.omg.CORBA.portable.OutputStream))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) o)            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 [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) **value**

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

### ParameterModeHolder

public **ParameterModeHolder**()

### ParameterModeHolder

public **ParameterModeHolder**([ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) initialValue)

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

### \_read

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

**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:**i - 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) o)

**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:**o - the CDR OutputStream

### \_type

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

**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/ParameterModeHolder.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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