| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ParameterModeHelper.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/ParameterMode.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/ParameterModeHolder.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/ParameterModeHelper.html)    [**NO FRAMES**](http://docs.google.com/ParameterModeHelper.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **org.omg.CORBA**

Class ParameterModeHelper

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

public abstract class **ParameterModeHelper**extends [Object](http://docs.google.com/java/lang/Object.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.

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

| **Method Summary** | |
| --- | --- |
| static [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) | [**extract**](http://docs.google.com/org/omg/CORBA/ParameterModeHelper.html#extract(org.omg.CORBA.Any))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a) |
| static [String](http://docs.google.com/java/lang/String.html) | [**id**](http://docs.google.com/org/omg/CORBA/ParameterModeHelper.html#id())() |
| static void | [**insert**](http://docs.google.com/org/omg/CORBA/ParameterModeHelper.html#insert(org.omg.CORBA.Any,%20org.omg.CORBA.ParameterMode))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a, [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) that) |
| static [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) | [**read**](http://docs.google.com/org/omg/CORBA/ParameterModeHelper.html#read(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) istream) |
| static [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**type**](http://docs.google.com/org/omg/CORBA/ParameterModeHelper.html#type())() |
| static void | [**write**](http://docs.google.com/org/omg/CORBA/ParameterModeHelper.html#write(org.omg.CORBA.portable.OutputStream,%20org.omg.CORBA.ParameterMode))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) ostream, [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) value) |

| **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)) |

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

### ParameterModeHelper

public **ParameterModeHelper**()

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

### insert

public static void **insert**([Any](http://docs.google.com/org/omg/CORBA/Any.html) a,  
 [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) that)

### extract

public static [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) **extract**([Any](http://docs.google.com/org/omg/CORBA/Any.html) a)

### type

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

### id

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

### read

public static [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) **read**([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) istream)

### write

public static void **write**([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) ostream,  
 [ParameterMode](http://docs.google.com/org/omg/CORBA/ParameterMode.html) value)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ParameterModeHelper.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/ParameterMode.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/ParameterModeHolder.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/ParameterModeHelper.html)    [**NO FRAMES**](http://docs.google.com/ParameterModeHelper.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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).