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

Class CurrentHelper

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

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

Portable Interceptors Current (also known as PICurrent) is merely a slot table, the slots of which are used by each service to transfer their context data between their context and the request's or reply's service context. Each service which wishes to use PICurrent reserves a slot or slots at initialization time and uses those slots during the processing of requests and replies.

Before an invocation is made, PICurrent is obtained via a call to ORB.resolve\_initial\_references( "PICurrent" ). From within the interception points, the data on PICurrent that has moved from the thread scope to the request scope is available via the get\_slot operation on the RequestInfo object. A PICurrent can still be obtained via resolve\_initial\_references, but that is the Interceptor's thread scope PICurrent.

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

| **Method Summary** | |
| --- | --- |
| static [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html) | [**extract**](http://docs.google.com/org/omg/PortableInterceptor/CurrentHelper.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/PortableInterceptor/CurrentHelper.html#id())() |
| static void | [**insert**](http://docs.google.com/org/omg/PortableInterceptor/CurrentHelper.html#insert(org.omg.CORBA.Any,%20org.omg.PortableInterceptor.Current))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a, [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html) that) |
| static [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html) | [**narrow**](http://docs.google.com/org/omg/PortableInterceptor/CurrentHelper.html#narrow(org.omg.CORBA.Object))([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj) |
| static [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html) | [**read**](http://docs.google.com/org/omg/PortableInterceptor/CurrentHelper.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/PortableInterceptor/CurrentHelper.html#type())() |
| static [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html) | [**unchecked\_narrow**](http://docs.google.com/org/omg/PortableInterceptor/CurrentHelper.html#unchecked_narrow(org.omg.CORBA.Object))([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj) |
| static void | [**write**](http://docs.google.com/org/omg/PortableInterceptor/CurrentHelper.html#write(org.omg.CORBA.portable.OutputStream,%20org.omg.PortableInterceptor.Current))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) ostream, [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.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** |
| --- |

### CurrentHelper

public **CurrentHelper**()

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

### insert

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

### extract

public static [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.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 [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.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,  
 [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html) value)

### narrow

public static [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html) **narrow**([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj)

### unchecked\_narrow

public static [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html) **unchecked\_narrow**([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CurrentHelper.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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| 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.

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