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

## **org.omg.PortableInterceptor**

Interface CurrentOperations

**All Superinterfaces:** [CurrentOperations](http://docs.google.com/org/omg/CORBA/CurrentOperations.html) **All Known Subinterfaces:** [Current](http://docs.google.com/org/omg/PortableInterceptor/Current.html)

public interface **CurrentOperations**extends [CurrentOperations](http://docs.google.com/org/omg/CORBA/CurrentOperations.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.

| **Method Summary** | |
| --- | --- |
| [Any](http://docs.google.com/org/omg/CORBA/Any.html) | [**get\_slot**](http://docs.google.com/org/omg/PortableInterceptor/CurrentOperations.html#get_slot(int))(int id)            Retrieves the slot data the application set in PICurrent via get\_slot. |
| void | [**set\_slot**](http://docs.google.com/org/omg/PortableInterceptor/CurrentOperations.html#set_slot(int,%20org.omg.CORBA.Any))(int id, [Any](http://docs.google.com/org/omg/CORBA/Any.html) data)            Sets data in a slot. |

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

### get\_slot

[Any](http://docs.google.com/org/omg/CORBA/Any.html) **get\_slot**(int id)  
 throws [InvalidSlot](http://docs.google.com/org/omg/PortableInterceptor/InvalidSlot.html)

Retrieves the slot data the application set in PICurrent via get\_slot. The data is in the form of an Any.

If the given slot has not been set, an Any containing a type code with a TCKind value of tk\_null and no value is returned.

**Parameters:**id - The SlotId of the slot from which the data will be returned. **Returns:**The data, in the form of an Any, of the given slot identifier. **Throws:** [InvalidSlot](http://docs.google.com/org/omg/PortableInterceptor/InvalidSlot.html) - thrown if get\_slot is called on a slot that has not been allocated. BAD\_INV\_ORDER - thrown if get\_slot is called from within an ORB initializer

### set\_slot

void **set\_slot**(int id,  
 [Any](http://docs.google.com/org/omg/CORBA/Any.html) data)  
 throws [InvalidSlot](http://docs.google.com/org/omg/PortableInterceptor/InvalidSlot.html)

Sets data in a slot. The data is in the form of an Any. If data already exists in that slot, it is overridden.

**Parameters:**id - The SlotId of the slot to which the data will be set.data - The data, in the form of an Any, which will be set to the identified slot. **Throws:** [InvalidSlot](http://docs.google.com/org/omg/PortableInterceptor/InvalidSlot.html) - thrown if set\_slot is called on a slot that has not been allocated. BAD\_INV\_ORDER - thrown if set\_slot is called from within an ORB initializer.

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

[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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