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

## **org.omg.CORBA.portable**

Interface InvokeHandler

**All Known Subinterfaces:** [Tie](http://docs.google.com/javax/rmi/CORBA/Tie.html) **All Known Implementing Classes:** [BindingIteratorPOA](http://docs.google.com/org/omg/CosNaming/BindingIteratorPOA.html), [NamingContextExtPOA](http://docs.google.com/org/omg/CosNaming/NamingContextExtPOA.html), [NamingContextPOA](http://docs.google.com/org/omg/CosNaming/NamingContextPOA.html), [ServantActivatorPOA](http://docs.google.com/org/omg/PortableServer/ServantActivatorPOA.html), [ServantLocatorPOA](http://docs.google.com/org/omg/PortableServer/ServantLocatorPOA.html)

public interface **InvokeHandler**

This interface provides a dispatching mechanism for an incoming call. It is invoked by the ORB to dispatch a request to a servant.

| **Method Summary** | |
| --- | --- |
| [OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) | [**\_invoke**](http://docs.google.com/org/omg/CORBA/portable/InvokeHandler.html#_invoke(java.lang.String,%20org.omg.CORBA.portable.InputStream,%20org.omg.CORBA.portable.ResponseHandler))([String](http://docs.google.com/java/lang/String.html) method, [InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input, [ResponseHandler](http://docs.google.com/org/omg/CORBA/portable/ResponseHandler.html) handler)            Invoked by the ORB to dispatch a request to the servant. |

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

### \_invoke

[OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) **\_invoke**([String](http://docs.google.com/java/lang/String.html) method,  
 [InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input,  
 [ResponseHandler](http://docs.google.com/org/omg/CORBA/portable/ResponseHandler.html) handler)  
 throws [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html)

Invoked by the ORB to dispatch a request to the servant. ORB passes the method name, an InputStream containing the marshalled arguments, and a ResponseHandler which the servant uses to construct a proper reply. Only CORBA SystemException may be thrown by this method. The method must return an OutputStream created by the ResponseHandler which contains the marshalled reply. A servant must not retain a reference to the ResponseHandler beyond the lifetime of a method invocation. Servant behaviour is defined as follows:

1. Determine correct method, and unmarshal parameters from InputStream.

2. Invoke method implementation.

3. If no user exception, create a normal reply using ResponseHandler.

4. If user exception occurred, create exception reply using ResponseHandler.

5. Marshal reply into OutputStream returned by ResponseHandler.

6. Return OutputStream to ORB.

**Parameters:**method - The method name.input - The InputStream containing the marshalled arguments.handler - The ResponseHandler which the servant uses to construct a proper reply **Returns:**The OutputStream created by the ResponseHandler which contains the marshalled reply **Throws:** SystemException - is thrown when invocation fails due to a CORBA system exception.

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