| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ClientRequestInterceptor.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/ClientRequestInfoOperations.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/PortableInterceptor/ClientRequestInterceptor.html)    [**NO FRAMES**](http://docs.google.com/ClientRequestInterceptor.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | METHOD | DETAIL: FIELD | CONSTR | METHOD |

## **org.omg.PortableInterceptor**

Interface ClientRequestInterceptor

**All Superinterfaces:** [ClientRequestInterceptorOperations](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html), [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html), [Interceptor](http://docs.google.com/org/omg/PortableInterceptor/Interceptor.html), [InterceptorOperations](http://docs.google.com/org/omg/PortableInterceptor/InterceptorOperations.html), [Object](http://docs.google.com/org/omg/CORBA/Object.html), [Serializable](http://docs.google.com/java/io/Serializable.html)

public interface **ClientRequestInterceptor**extends [ClientRequestInterceptorOperations](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html), [Interceptor](http://docs.google.com/org/omg/PortableInterceptor/Interceptor.html), [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html)

Client-side request interceptor.

A request Interceptor is designed to intercept the flow of a request/reply sequence through the ORB at specific points so that services can query the request information and manipulate the service contexts which are propagated between clients and servers. The primary use of request Interceptors is to enable ORB services to transfer context information between clients and servers. There are two types of request Interceptors: client-side and server-side.

To write a client-side Interceptor, implement the ClientRequestInterceptor interface.

**See Also:**[ClientRequestInfo](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfo.html)

| **Method Summary** | |
| --- | --- |

| **Methods inherited from interface org.omg.PortableInterceptor.**[**ClientRequestInterceptorOperations**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html) |
| --- |
| [receive\_exception](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html#receive_exception(org.omg.PortableInterceptor.ClientRequestInfo)), [receive\_other](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html#receive_other(org.omg.PortableInterceptor.ClientRequestInfo)), [receive\_reply](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html#receive_reply(org.omg.PortableInterceptor.ClientRequestInfo)), [send\_poll](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html#send_poll(org.omg.PortableInterceptor.ClientRequestInfo)), [send\_request](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html#send_request(org.omg.PortableInterceptor.ClientRequestInfo)) |

| **Methods inherited from interface org.omg.PortableInterceptor.**[**InterceptorOperations**](http://docs.google.com/org/omg/PortableInterceptor/InterceptorOperations.html) |
| --- |
| [destroy](http://docs.google.com/org/omg/PortableInterceptor/InterceptorOperations.html#destroy()), [name](http://docs.google.com/org/omg/PortableInterceptor/InterceptorOperations.html#name()) |

| **Methods inherited from interface org.omg.CORBA.**[**Object**](http://docs.google.com/org/omg/CORBA/Object.html) |
| --- |
| [\_create\_request](http://docs.google.com/org/omg/CORBA/Object.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue)), [\_create\_request](http://docs.google.com/org/omg/CORBA/Object.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue,%20org.omg.CORBA.ExceptionList,%20org.omg.CORBA.ContextList)), [\_duplicate](http://docs.google.com/org/omg/CORBA/Object.html#_duplicate()), [\_get\_domain\_managers](http://docs.google.com/org/omg/CORBA/Object.html#_get_domain_managers()), [\_get\_interface\_def](http://docs.google.com/org/omg/CORBA/Object.html#_get_interface_def()), [\_get\_policy](http://docs.google.com/org/omg/CORBA/Object.html#_get_policy(int)), [\_hash](http://docs.google.com/org/omg/CORBA/Object.html#_hash(int)), [\_is\_a](http://docs.google.com/org/omg/CORBA/Object.html#_is_a(java.lang.String)), [\_is\_equivalent](http://docs.google.com/org/omg/CORBA/Object.html#_is_equivalent(org.omg.CORBA.Object)), [\_non\_existent](http://docs.google.com/org/omg/CORBA/Object.html#_non_existent()), [\_release](http://docs.google.com/org/omg/CORBA/Object.html#_release()), [\_request](http://docs.google.com/org/omg/CORBA/Object.html#_request(java.lang.String)), [\_set\_policy\_override](http://docs.google.com/org/omg/CORBA/Object.html#_set_policy_override(org.omg.CORBA.Policy%5B%5D,%20org.omg.CORBA.SetOverrideType)) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ClientRequestInterceptor.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/ClientRequestInfoOperations.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/PortableInterceptor/ClientRequestInterceptor.html)    [**NO FRAMES**](http://docs.google.com/ClientRequestInterceptor.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | METHOD | DETAIL: FIELD | CONSTR | METHOD |

[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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