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

## **org.omg.PortableInterceptor**

Interface ClientRequestInfo

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

public interface **ClientRequestInfo**extends [ClientRequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html), [RequestInfo](http://docs.google.com/org/omg/PortableInterceptor/RequestInfo.html), [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html)

Request Information, accessible to client-side request interceptors.

Some attributes and operations on ClientRequestInfo are not valid at all interception points. The following table shows the validity of each attribute or operation. If it is not valid, attempting to access it will result in a BAD\_INV\_ORDER being thrown with a standard minor code of 14.

|  | send\_request | send\_poll | receive\_reply | receive\_exception | receive\_other |
| --- | --- | --- | --- | --- | --- |
| *Inherited from RequestInfo:* | | | | | |
| request\_id | yes | yes | yes | yes | yes |
| operation | yes | yes | yes | yes | yes |
| arguments | yes1 | no | yes | no | no |
| exceptions | yes | no | yes | yes | yes |
| contexts | yes | no | yes | yes | yes |
| operation\_context | yes | no | yes | yes | yes |
| result | no | no | yes | no | no |
| response\_expected | yes | yes | yes | yes | yes |
| sync\_scope | yes | no | yes | yes | yes |
| reply\_status | no | no | yes | yes | yes |
| forward\_reference | no | no | no | no | yes2 |
| get\_slot | yes | yes | yes | yes | yes |
| get\_request\_service\_context | yes | no | yes | yes | yes |
| get\_reply\_service\_context | no | no | yes | yes | yes |
| *ClientRequestInfo-specific:* | | | | | |
| target | yes | yes | yes | yes | yes |
| effective\_target | yes | yes | yes | yes | yes |
| effective\_profile | yes | yes | yes | yes | yes |
| received\_exception | no | no | no | yes | no |
| received\_exception\_id | no | no | no | yes | no |
| get\_effective\_component | yes | no | yes | yes | yes |
| get\_effective\_components | yes | no | yes | yes | yes |
| get\_request\_policy | yes | no | yes | yes | yes |
| add\_request\_service\_context | yes | no | no | no | no |

1. When ClientRequestInfo is passed to send\_request, there is an entry in the list for every argument, whether in, inout, or out. But only the in and inout arguments will be available.
2. If the reply\_status atribute is not LOCATION\_FORWARD, accessing this attribute will throw BAD\_INV\_ORDER with a standard minor code of 14.

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

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

| **Methods inherited from interface org.omg.PortableInterceptor.**[**ClientRequestInfoOperations**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html) |
| --- |
| [add\_request\_service\_context](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#add_request_service_context(org.omg.IOP.ServiceContext,%20boolean)), [effective\_profile](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#effective_profile()), [effective\_target](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#effective_target()), [get\_effective\_component](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#get_effective_component(int)), [get\_effective\_components](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#get_effective_components(int)), [get\_request\_policy](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#get_request_policy(int)), [received\_exception\_id](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#received_exception_id()), [received\_exception](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#received_exception()), [target](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#target()) |

| **Methods inherited from interface org.omg.PortableInterceptor.**[**RequestInfoOperations**](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html) |
| --- |
| [arguments](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#arguments()), [contexts](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#contexts()), [exceptions](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#exceptions()), [forward\_reference](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#forward_reference()), [get\_reply\_service\_context](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#get_reply_service_context(int)), [get\_request\_service\_context](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#get_request_service_context(int)), [get\_slot](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#get_slot(int)), [operation\_context](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#operation_context()), [operation](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#operation()), [reply\_status](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#reply_status()), [request\_id](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#request_id()), [response\_expected](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#response_expected()), [result](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#result()), [sync\_scope](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#sync_scope()) |

| **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/ClientRequestInfo.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 | 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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