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

## **org.omg.PortableInterceptor**

Interface ServerRequestInfo

**All Superinterfaces:** [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), [ServerRequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html)

public interface **ServerRequestInfo**extends [ServerRequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.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 server-side request interceptors.

Some attributes and operations on ServerRequestInfo 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.

|  | receive\_request\_  service\_contexts | receive\_request | send\_reply | send\_exception | send\_other |
| --- | --- | --- | --- | --- | --- |
| *Inherited from RequestInfo:* | | | | | |
| request\_id | yes | yes | yes | yes | yes |
| operation | yes | yes | yes | yes | yes |
| arguments | no | yes1 | yes | no2 | no2 |
| exceptions | no | yes | yes | yes | yes |
| contexts | no | yes | yes | yes | yes |
| operation\_context | no | yes | yes | no | no |
| result | no | no | yes | no | no |
| response\_expected | yes | yes | yes | yes | yes |
| sync\_scope | yes | yes | yes | yes | yes |
| **request\_id** | yes | yes | yes | yes | yes |
| **operation** | yes | yes | yes | yes | yes |
| **arguments** | no | yes1 | yes | no2 | no2 |
| **exceptions** | no | yes | yes | yes | yes |
| **contexts** | no | yes | yes | yes | yes |
| **operation\_context** | no | yes | yes | no | no |
| **result** | no | no | yes | no | no |
| **response\_expected** | yes | yes | yes | yes | yes |
| **sync\_scope** | yes | yes | 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 |
| *ServerRequestInfo-specific:* | | | | | |
| **sending\_exception** | no | no | no | yes | no |
| **object\_id** | no | yes | yes | yes3 | yes3 |
| **adapter\_id** | no | yes | yes | yes3 | yes3 |
| **server\_id** | no | yes | yes | yes | yes |
| **orb\_id** | no | yes | yes | yes | yes |
| **adapter\_name** | no | yes | yes | yes | yes |
| **target\_most\_derived\_interface** | no | yes | no4 | no4 | no4 |
| **get\_server\_policy** | yes | yes | yes | yes | yes |
| **set\_slot** | yes | yes | yes | yes | yes |
| **target\_is\_a** | no | yes | no4 | no4 | no4 |
| **add\_reply\_service\_context** | yes | yes | yes | yes | yes |

1. When ServerRequestInfo is passed to receive\_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 attribute is not LOCATION\_FORWARD, accessing this attribute will throw BAD\_INV\_ORDER with a standard minor code of 14.
3. If the servant locator caused a location forward, or thrown an exception, this attribute/operation may not be available in this interception point. NO\_RESOURCES with a standard minor code of 1 will be thrown if it is not available.
4. The operation is not available in this interception point because the necessary information requires access to the target object's servant, which may no longer be available to the ORB. For example, if the object's adapter is a POA that uses a ServantLocator, then the ORB invokes the interception point after it calls ServantLocator.postinvoke()

.

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

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

| **Methods inherited from interface org.omg.PortableInterceptor.**[**ServerRequestInfoOperations**](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html) |
| --- |
| [adapter\_id](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#adapter_id()), [adapter\_name](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#adapter_name()), [add\_reply\_service\_context](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#add_reply_service_context(org.omg.IOP.ServiceContext,%20boolean)), [get\_server\_policy](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#get_server_policy(int)), [object\_id](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#object_id()), [orb\_id](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#orb_id()), [sending\_exception](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#sending_exception()), [server\_id](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#server_id()), [set\_slot](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#set_slot(int,%20org.omg.CORBA.Any)), [target\_is\_a](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#target_is_a(java.lang.String)), [target\_most\_derived\_interface](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html#target_most_derived_interface()) |

| **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/ServerRequestInfo.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/ServerIdHelper.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInfoOperations.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/PortableInterceptor/ServerRequestInfo.html)    [**NO FRAMES**](http://docs.google.com/ServerRequestInfo.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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