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

public interface **ValueFactory**

The ValueFactory interface is the native mapping for the IDL type CORBA::ValueFactory. The read\_value() method is called by the ORB runtime while in the process of unmarshaling a value type. A user shall implement this method as part of implementing a type specific value factory. In the implementation, the user shall call is.read\_value(java.io.Serializable) with a uninitialized valuetype to use for unmarshaling. The value returned by the stream is the same value passed in, with all the data unmarshaled.

**See Also:**[ORB](http://docs.google.com/org/omg/CORBA_2_3/ORB.html)

| **Method Summary** | |
| --- | --- |
| [Serializable](http://docs.google.com/java/io/Serializable.html) | [**read\_value**](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html#read_value(org.omg.CORBA_2_3.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) is)            Is called by the ORB runtime while in the process of unmarshaling a value type. |

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

### read\_value

[Serializable](http://docs.google.com/java/io/Serializable.html) **read\_value**([InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) is)

Is called by the ORB runtime while in the process of unmarshaling a value type. A user shall implement this method as part of implementing a type specific value factory.

**Parameters:**is - an InputStream object--from which the value will be read. **Returns:**a Serializable object--the value read off of "is" Input stream.

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