| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**javax.xml.bind**

| Packages that use [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
| --- | --- |
| [**javax.xml.bind**](#3znysh7) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.bind.annotation**](#2et92p0) | Defines annotations for customizing Java program elements to XML Schema mapping. |
| [**javax.xml.bind.helpers**](#tyjcwt) | **JAXB Provider Use Only:** Provides partial default implementations for some of the javax.xml.bind interfaces. |
| [**javax.xml.bind.util**](#3dy6vkm) | Useful client utility classes. |
| [**javax.xml.ws**](#1t3h5sf) | This package contains the core JAX-WS APIs. |
| [**javax.xml.ws.handler.soap**](#4d34og8) | This package defines APIs for SOAP message handlers. |
| [**javax.xml.ws.spi**](#2s8eyo1) | This package defines SPIs for JAX-WS 2.0. |

| Classes in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) used by [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
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| [**Binder**](http://docs.google.com/javax/xml/bind/class-use/Binder.html#javax.xml.bind)            Enable synchronization between XML infoset nodes and JAXB objects representing same XML document. |
| [**DatatypeConverterInterface**](http://docs.google.com/javax/xml/bind/class-use/DatatypeConverterInterface.html#javax.xml.bind)             The DatatypeConverterInterface is for JAXB provider use only. |
| [**JAXBContext**](http://docs.google.com/javax/xml/bind/class-use/JAXBContext.html#javax.xml.bind)             The JAXBContext class provides the client's entry point to the JAXB API. |
| [**JAXBElement**](http://docs.google.com/javax/xml/bind/class-use/JAXBElement.html#javax.xml.bind)            JAXB representation of an Xml Element. |
| [**JAXBException**](http://docs.google.com/javax/xml/bind/class-use/JAXBException.html#javax.xml.bind)            This is the root exception class for all JAXB exceptions. |
| [**JAXBIntrospector**](http://docs.google.com/javax/xml/bind/class-use/JAXBIntrospector.html#javax.xml.bind)            Provide access to JAXB xml binding data for a JAXB object. |
| [**Marshaller**](http://docs.google.com/javax/xml/bind/class-use/Marshaller.html#javax.xml.bind)             The Marshaller class is responsible for governing the process of serializing Java content trees back into XML data. |
| [**Marshaller.Listener**](http://docs.google.com/javax/xml/bind/class-use/Marshaller.Listener.html#javax.xml.bind)    Register an instance of an implementation of this class with a [Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) to externally listen for marshal events. |
| [**PropertyException**](http://docs.google.com/javax/xml/bind/class-use/PropertyException.html#javax.xml.bind)            This exception indicates that an error was encountered while getting or setting a property. |
| [**SchemaOutputResolver**](http://docs.google.com/javax/xml/bind/class-use/SchemaOutputResolver.html#javax.xml.bind)            Controls where a JAXB implementation puts the generates schema files. |
| [**Unmarshaller**](http://docs.google.com/javax/xml/bind/class-use/Unmarshaller.html#javax.xml.bind)            The Unmarshaller class governs the process of deserializing XML data into newly created Java content trees, optionally validating the XML data as it is unmarshalled. |
| [**Unmarshaller.Listener**](http://docs.google.com/javax/xml/bind/class-use/Unmarshaller.Listener.html#javax.xml.bind)    Register an instance of an implementation of this class with [Unmarshaller](http://docs.google.com/javax/xml/bind/Unmarshaller.html) to externally listen for unmarshal events. |
| [**UnmarshallerHandler**](http://docs.google.com/javax/xml/bind/class-use/UnmarshallerHandler.html#javax.xml.bind)            Unmarshaller implemented as SAX ContentHandler. |
| [**ValidationEvent**](http://docs.google.com/javax/xml/bind/class-use/ValidationEvent.html#javax.xml.bind)            This event indicates that a problem was encountered while validating the incoming XML data during an unmarshal operation, while performing on-demand validation of the Java content tree, or while marshalling the Java content tree back to XML data. |
| [**ValidationEventHandler**](http://docs.google.com/javax/xml/bind/class-use/ValidationEventHandler.html#javax.xml.bind)            A basic event handler interface for validation errors. |
| [**ValidationEventLocator**](http://docs.google.com/javax/xml/bind/class-use/ValidationEventLocator.html#javax.xml.bind)            Encapsulate the location of a ValidationEvent. |
| [**Validator**](http://docs.google.com/javax/xml/bind/class-use/Validator.html#javax.xml.bind)  **Deprecated.** *since JAXB 2.0* |

| Classes in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) used by [javax.xml.bind.annotation](http://docs.google.com/javax/xml/bind/annotation/package-summary.html) | |
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| [**ValidationEventHandler**](http://docs.google.com/javax/xml/bind/class-use/ValidationEventHandler.html#javax.xml.bind.annotation)            A basic event handler interface for validation errors. |

| Classes in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) used by [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) | |
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| [**JAXBElement**](http://docs.google.com/javax/xml/bind/class-use/JAXBElement.html#javax.xml.bind.helpers)            JAXB representation of an Xml Element. |
| [**JAXBException**](http://docs.google.com/javax/xml/bind/class-use/JAXBException.html#javax.xml.bind.helpers)            This is the root exception class for all JAXB exceptions. |
| [**Marshaller**](http://docs.google.com/javax/xml/bind/class-use/Marshaller.html#javax.xml.bind.helpers)             The Marshaller class is responsible for governing the process of serializing Java content trees back into XML data. |
| [**Marshaller.Listener**](http://docs.google.com/javax/xml/bind/class-use/Marshaller.Listener.html#javax.xml.bind.helpers)    Register an instance of an implementation of this class with a [Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) to externally listen for marshal events. |
| [**NotIdentifiableEvent**](http://docs.google.com/javax/xml/bind/class-use/NotIdentifiableEvent.html#javax.xml.bind.helpers)            This event indicates that a problem was encountered resolving an ID/IDREF. |
| [**ParseConversionEvent**](http://docs.google.com/javax/xml/bind/class-use/ParseConversionEvent.html#javax.xml.bind.helpers)            This event indicates that a problem was encountered while converting a string from the XML data into a value of the target Java data type. |
| [**PrintConversionEvent**](http://docs.google.com/javax/xml/bind/class-use/PrintConversionEvent.html#javax.xml.bind.helpers)            This event indicates that a problem was encountered while converting data from the Java content tree into its lexical representation. |
| [**PropertyException**](http://docs.google.com/javax/xml/bind/class-use/PropertyException.html#javax.xml.bind.helpers)            This exception indicates that an error was encountered while getting or setting a property. |
| [**UnmarshalException**](http://docs.google.com/javax/xml/bind/class-use/UnmarshalException.html#javax.xml.bind.helpers)            This exception indicates that an error has occurred while performing an unmarshal operation that prevents the JAXB Provider from completing the operation. |
| [**Unmarshaller**](http://docs.google.com/javax/xml/bind/class-use/Unmarshaller.html#javax.xml.bind.helpers)            The Unmarshaller class governs the process of deserializing XML data into newly created Java content trees, optionally validating the XML data as it is unmarshalled. |
| [**Unmarshaller.Listener**](http://docs.google.com/javax/xml/bind/class-use/Unmarshaller.Listener.html#javax.xml.bind.helpers)    Register an instance of an implementation of this class with [Unmarshaller](http://docs.google.com/javax/xml/bind/Unmarshaller.html) to externally listen for unmarshal events. |
| [**ValidationEvent**](http://docs.google.com/javax/xml/bind/class-use/ValidationEvent.html#javax.xml.bind.helpers)            This event indicates that a problem was encountered while validating the incoming XML data during an unmarshal operation, while performing on-demand validation of the Java content tree, or while marshalling the Java content tree back to XML data. |
| [**ValidationEventHandler**](http://docs.google.com/javax/xml/bind/class-use/ValidationEventHandler.html#javax.xml.bind.helpers)            A basic event handler interface for validation errors. |
| [**ValidationEventLocator**](http://docs.google.com/javax/xml/bind/class-use/ValidationEventLocator.html#javax.xml.bind.helpers)            Encapsulate the location of a ValidationEvent. |

| Classes in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) used by [javax.xml.bind.util](http://docs.google.com/javax/xml/bind/util/package-summary.html) | |
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| [**JAXBContext**](http://docs.google.com/javax/xml/bind/class-use/JAXBContext.html#javax.xml.bind.util)             The JAXBContext class provides the client's entry point to the JAXB API. |
| [**JAXBException**](http://docs.google.com/javax/xml/bind/class-use/JAXBException.html#javax.xml.bind.util)            This is the root exception class for all JAXB exceptions. |
| [**Marshaller**](http://docs.google.com/javax/xml/bind/class-use/Marshaller.html#javax.xml.bind.util)             The Marshaller class is responsible for governing the process of serializing Java content trees back into XML data. |
| [**Unmarshaller**](http://docs.google.com/javax/xml/bind/class-use/Unmarshaller.html#javax.xml.bind.util)            The Unmarshaller class governs the process of deserializing XML data into newly created Java content trees, optionally validating the XML data as it is unmarshalled. |
| [**ValidationEvent**](http://docs.google.com/javax/xml/bind/class-use/ValidationEvent.html#javax.xml.bind.util)            This event indicates that a problem was encountered while validating the incoming XML data during an unmarshal operation, while performing on-demand validation of the Java content tree, or while marshalling the Java content tree back to XML data. |
| [**ValidationEventHandler**](http://docs.google.com/javax/xml/bind/class-use/ValidationEventHandler.html#javax.xml.bind.util)            A basic event handler interface for validation errors. |

| Classes in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) used by [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) | |
| --- | --- |
| [**JAXBContext**](http://docs.google.com/javax/xml/bind/class-use/JAXBContext.html#javax.xml.ws)             The JAXBContext class provides the client's entry point to the JAXB API. |

| Classes in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) used by [javax.xml.ws.handler.soap](http://docs.google.com/javax/xml/ws/handler/soap/package-summary.html) | |
| --- | --- |
| [**JAXBContext**](http://docs.google.com/javax/xml/bind/class-use/JAXBContext.html#javax.xml.ws.handler.soap)             The JAXBContext class provides the client's entry point to the JAXB API. |

| Classes in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) used by [javax.xml.ws.spi](http://docs.google.com/javax/xml/ws/spi/package-summary.html) | |
| --- | --- |
| [**JAXBContext**](http://docs.google.com/javax/xml/bind/class-use/JAXBContext.html#javax.xml.ws.spi)             The JAXBContext class provides the client's entry point to the JAXB API. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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