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

## Package javax.xml.ws

This package contains the core JAX-WS APIs.

**See:**

[**Description**](#3znysh7)

| **Interface Summary** | |
| --- | --- |
| [**AsyncHandler<T>**](http://docs.google.com/javax/xml/ws/AsyncHandler.html) | The AsyncHandler interface is implemented by clients that wish to receive callback notification of the completion of service endpoint operations invoked asynchronously. |
| [**Binding**](http://docs.google.com/javax/xml/ws/Binding.html) | The Binding interface is the base interface for JAX-WS protocol bindings. |
| [**BindingProvider**](http://docs.google.com/javax/xml/ws/BindingProvider.html) | The BindingProvider interface provides access to the protocol binding and associated context objects for request and response message processing. |
| [**Dispatch<T>**](http://docs.google.com/javax/xml/ws/Dispatch.html) | The Dispatch interface provides support for the dynamic invocation of a service endpoint operations. |
| [**LogicalMessage**](http://docs.google.com/javax/xml/ws/LogicalMessage.html) | The LogicalMessage interface represents a protocol agnostic XML message and contains methods that provide access to the payload of the message. |
| [**Provider<T>**](http://docs.google.com/javax/xml/ws/Provider.html) | Service endpoints may implement the Provider interface as a dynamic alternative to an SEI. |
| [**Response<T>**](http://docs.google.com/javax/xml/ws/Response.html) | The Response interface provides methods used to obtain the payload and context of a message sent in response to an operation invocation. |
| [**WebServiceContext**](http://docs.google.com/javax/xml/ws/WebServiceContext.html) | A WebServiceContext makes it possible for a web service endpoint implementation class to access message context and security information relative to a request being served. |

| **Class Summary** | |
| --- | --- |
| [**Endpoint**](http://docs.google.com/javax/xml/ws/Endpoint.html) | A Web service endpoint. |
| [**Holder<T>**](http://docs.google.com/javax/xml/ws/Holder.html) | Holds a value of type T. |
| [**Service**](http://docs.google.com/javax/xml/ws/Service.html) | Service objects provide the client view of a Web service. |
| [**WebServicePermission**](http://docs.google.com/javax/xml/ws/WebServicePermission.html) | This class defines web service permissions. |

| **Enum Summary** | |
| --- | --- |
| [**Service.Mode**](http://docs.google.com/javax/xml/ws/Service.Mode.html) | The orientation of a dynamic client or service. |

| **Exception Summary** | |
| --- | --- |
| [**ProtocolException**](http://docs.google.com/javax/xml/ws/ProtocolException.html) | The ProtocolException class is a base class for exceptions related to a specific protocol binding. |
| [**WebServiceException**](http://docs.google.com/javax/xml/ws/WebServiceException.html) | The WebServiceException class is the base exception class for all JAX-WS API runtime exceptions. |

| **Annotation Types Summary** | |
| --- | --- |
| [**BindingType**](http://docs.google.com/javax/xml/ws/BindingType.html) | The BindingType annotation is used to specify the binding to use for a web service endpoint implementation class. |
| [**RequestWrapper**](http://docs.google.com/javax/xml/ws/RequestWrapper.html) | Used to annotate methods in the Service Endpoint Interface with the request wrapper bean to be used at runtime. |
| [**ResponseWrapper**](http://docs.google.com/javax/xml/ws/ResponseWrapper.html) | Used to annotate methods in the Service Endpoint Interface with the response wrapper bean to be used at runtime. |
| [**ServiceMode**](http://docs.google.com/javax/xml/ws/ServiceMode.html) | Used to indicate whether a Provider implementation wishes to work with entire protocol messages or just with protocol message payloads. |
| [**WebEndpoint**](http://docs.google.com/javax/xml/ws/WebEndpoint.html) | Used to annotate the get*PortName*() methods of a generated service interface. |
| [**WebFault**](http://docs.google.com/javax/xml/ws/WebFault.html) | Used to annotate service specific exception classes to customize to the local and namespace name of the fault element and the name of the fault bean. |
| [**WebServiceClient**](http://docs.google.com/javax/xml/ws/WebServiceClient.html) | Used to annotate a generated service interface. |
| [**WebServiceProvider**](http://docs.google.com/javax/xml/ws/WebServiceProvider.html) | Used to annotate a Provider implementation class. |
| [**WebServiceRef**](http://docs.google.com/javax/xml/ws/WebServiceRef.html) | The WebServiceRef annotation is used to define a reference to a web service and (optionally) an injection target for it. |
| [**WebServiceRefs**](http://docs.google.com/javax/xml/ws/WebServiceRefs.html) | The WebServiceRefs annotation allows multiple web service references to be declared at the class level. |

## Package javax.xml.ws Description

This package contains the core JAX-WS APIs.

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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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[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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