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

Hierarchy For Package javax.xml.ws

**Package Hierarchies:**[All Packages](http://docs.google.com/overview-tree.html)

## Class Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + javax.xml.ws.[**Endpoint**](http://docs.google.com/javax/xml/ws/Endpoint.html)
  + javax.xml.ws.[**Holder**](http://docs.google.com/javax/xml/ws/Holder.html)<T>
  + java.security.[**Permission**](http://docs.google.com/java/security/Permission.html) (implements java.security.[Guard](http://docs.google.com/java/security/Guard.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.security.[**BasicPermission**](http://docs.google.com/java/security/BasicPermission.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
      * javax.xml.ws.[**WebServicePermission**](http://docs.google.com/javax/xml/ws/WebServicePermission.html)
  + javax.xml.ws.[**Service**](http://docs.google.com/javax/xml/ws/Service.html)
  + java.lang.[**Throwable**](http://docs.google.com/java/lang/Throwable.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Exception**](http://docs.google.com/java/lang/Exception.html)
      * java.lang.[**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html)
        + javax.xml.ws.[**WebServiceException**](http://docs.google.com/javax/xml/ws/WebServiceException.html)

javax.xml.ws.[**ProtocolException**](http://docs.google.com/javax/xml/ws/ProtocolException.html)

## Interface Hierarchy

* javax.xml.ws.[**AsyncHandler**](http://docs.google.com/javax/xml/ws/AsyncHandler.html)<T>
* javax.xml.ws.[**Binding**](http://docs.google.com/javax/xml/ws/Binding.html)
* javax.xml.ws.[**BindingProvider**](http://docs.google.com/javax/xml/ws/BindingProvider.html)
  + javax.xml.ws.[**Dispatch**](http://docs.google.com/javax/xml/ws/Dispatch.html)<T>
* java.util.concurrent.[**Future**](http://docs.google.com/java/util/concurrent/Future.html)<V>
  + javax.xml.ws.[**Response**](http://docs.google.com/javax/xml/ws/Response.html)<T>
* javax.xml.ws.[**LogicalMessage**](http://docs.google.com/javax/xml/ws/LogicalMessage.html)
* javax.xml.ws.[**Provider**](http://docs.google.com/javax/xml/ws/Provider.html)<T>
* javax.xml.ws.[**WebServiceContext**](http://docs.google.com/javax/xml/ws/WebServiceContext.html)

## Annotation Type Hierarchy

* javax.xml.ws.[**WebServiceRefs**](http://docs.google.com/javax/xml/ws/WebServiceRefs.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**WebServiceRef**](http://docs.google.com/javax/xml/ws/WebServiceRef.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**WebServiceProvider**](http://docs.google.com/javax/xml/ws/WebServiceProvider.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**WebServiceClient**](http://docs.google.com/javax/xml/ws/WebServiceClient.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**WebFault**](http://docs.google.com/javax/xml/ws/WebFault.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**WebEndpoint**](http://docs.google.com/javax/xml/ws/WebEndpoint.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**ServiceMode**](http://docs.google.com/javax/xml/ws/ServiceMode.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**ResponseWrapper**](http://docs.google.com/javax/xml/ws/ResponseWrapper.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**RequestWrapper**](http://docs.google.com/javax/xml/ws/RequestWrapper.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* javax.xml.ws.[**BindingType**](http://docs.google.com/javax/xml/ws/BindingType.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))

## Enum Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + java.lang.[**Enum**](http://docs.google.com/java/lang/Enum.html)<E> (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>, java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - javax.xml.ws.[**Service.Mode**](http://docs.google.com/javax/xml/ws/Service.Mode.html)

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