| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/WebService.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/javax/jws/WebResult.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/jws/WebService.html)    [**NO FRAMES**](http://docs.google.com/WebService.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: REQUIRED | [OPTIONAL](#3znysh7) | DETAIL: [ELEMENT](#lnxbz9) |

## **javax.jws**

Annotation Type WebService

[@Retention](http://docs.google.com/java/lang/annotation/Retention.html)([value](http://docs.google.com/java/lang/annotation/Retention.html#value())=[RUNTIME](http://docs.google.com/java/lang/annotation/RetentionPolicy.html#RUNTIME))  
[@Target](http://docs.google.com/java/lang/annotation/Target.html)([value](http://docs.google.com/java/lang/annotation/Target.html#value())=[TYPE](http://docs.google.com/java/lang/annotation/ElementType.html#TYPE))  
public @interface **WebService**

Marks a Java class as implementing a Web Service, or a Java interface as defining a Web Service interface.

| **Optional Element Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**endpointInterface**](http://docs.google.com/javax/jws/WebService.html#endpointInterface())            The complete name of the service endpoint interface defining the service's abstract Web Service contract. |
| [String](http://docs.google.com/java/lang/String.html) | [**name**](http://docs.google.com/javax/jws/WebService.html#name())            The name of the Web Service. |
| [String](http://docs.google.com/java/lang/String.html) | [**portName**](http://docs.google.com/javax/jws/WebService.html#portName())            The port name of the Web Service. |
| [String](http://docs.google.com/java/lang/String.html) | [**serviceName**](http://docs.google.com/javax/jws/WebService.html#serviceName())            The service name of the Web Service. |
| [String](http://docs.google.com/java/lang/String.html) | [**targetNamespace**](http://docs.google.com/javax/jws/WebService.html#targetNamespace())            If the @WebService.targetNamespace annotation is on a service endpoint interface, the targetNamespace is used for the namespace for the wsdl:portType (and associated XML elements). |
| [String](http://docs.google.com/java/lang/String.html) | [**wsdlLocation**](http://docs.google.com/javax/jws/WebService.html#wsdlLocation())            The location of a pre-defined WSDL describing the service. |

### name

public abstract [String](http://docs.google.com/java/lang/String.html) **name**

The name of the Web Service.

Used as the name of the wsdl:portType when mapped to WSDL 1.1.

**Default:**""

### targetNamespace

public abstract [String](http://docs.google.com/java/lang/String.html) **targetNamespace**

If the @WebService.targetNamespace annotation is on a service endpoint interface, the targetNamespace is used for the namespace for the wsdl:portType (and associated XML elements).

If the @WebService.targetNamespace annotation is on a service implementation bean that does NOT reference a service endpoint interface (through the endpointInterface attribute), the targetNamespace is used for both the wsdl:portType and the wsdl:service (and associated XML elements).

If the @WebService.targetNamespace annotation is on a service implementation bean that does reference a service endpoint interface (through the endpointInterface attribute), the targetNamespace is used for only the wsdl:service (and associated XML elements).

**Default:**""

### serviceName

public abstract [String](http://docs.google.com/java/lang/String.html) **serviceName**

The service name of the Web Service.

Used as the name of the wsdl:service when mapped to WSDL 1.1.

*This member-value is not allowed on endpoint interfaces.*

**Default:**""

### portName

public abstract [String](http://docs.google.com/java/lang/String.html) **portName**

The port name of the Web Service.

Used as the name of the wsdl:port when mapped to WSDL 1.1.

*This member-value is not allowed on endpoint interfaces.*

**Since:** 2.0 **Default:**""

### wsdlLocation

public abstract [String](http://docs.google.com/java/lang/String.html) **wsdlLocation**

The location of a pre-defined WSDL describing the service.

The wsdlLocation is a URL (relative or absolute) that refers to a pre-existing WSDL file. The presence of a wsdlLocation value indicates that the service implementation bean is implementing a pre-defined WSDL contract. The JSR-181 tool MUST provide feedback if the service implementation bean is inconsistent with the portType and bindings declared in this WSDL. Note that a single WSDL file might contain multiple portTypes and multiple bindings. The annotations on the service implementation bean determine the specific portType and bindings that correspond to the Web Service.

**Default:**""

### endpointInterface

public abstract [String](http://docs.google.com/java/lang/String.html) **endpointInterface**

The complete name of the service endpoint interface defining the service's abstract Web Service contract.

This annotation allows the developer to separate the interface contract from the implementation. If this annotation is present, the service endpoint interface is used to determine the abstract WSDL contract (portType and bindings). The service endpoint interface MAY include JSR-181 annotations to customize the mapping from Java to WSDL.

The service implementation bean MAY implement the service endpoint interface, but is not REQUIRED to do so.

If this member-value is not present, the Web Service contract is generated from annotations on the service implementation bean. If a service endpoint interface is required by the target environment, it will be generated into an implementation-defined package with an implementation- defined name

*This member-value is not allowed on endpoint interfaces.*

**Default:**""

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/WebService.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/javax/jws/WebResult.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/jws/WebService.html)    [**NO FRAMES**](http://docs.google.com/WebService.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: REQUIRED | [OPTIONAL](#3znysh7) | DETAIL: [ELEMENT](#lnxbz9) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).