| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/WebParam.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/WebMethod.html)   [**NEXT CLASS**](http://docs.google.com/javax/jws/WebParam.Mode.html) | [**FRAMES**](http://docs.google.com/index.html?javax/jws/WebParam.html)    [**NO FRAMES**](http://docs.google.com/WebParam.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: REQUIRED | [OPTIONAL](#3znysh7) | DETAIL: [ELEMENT](#26in1rg) |

## **javax.jws**

Annotation Type WebParam

[@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())=[PARAMETER](http://docs.google.com/java/lang/annotation/ElementType.html#PARAMETER))  
public @interface **WebParam**

Customizes the mapping of an individual parameter to a Web Service message part and XML element.

| **Optional Element Summary** | |
| --- | --- |
| boolean | [**header**](http://docs.google.com/javax/jws/WebParam.html#header())            If true, the parameter is pulled from a message header rather then the message body. |
| [WebParam.Mode](http://docs.google.com/javax/jws/WebParam.Mode.html) | [**mode**](http://docs.google.com/javax/jws/WebParam.html#mode())            The direction in which the parameter is flowing (One of IN, OUT, or INOUT). |
| [String](http://docs.google.com/java/lang/String.html) | [**name**](http://docs.google.com/javax/jws/WebParam.html#name())            Name of the parameter. |
| [String](http://docs.google.com/java/lang/String.html) | [**partName**](http://docs.google.com/javax/jws/WebParam.html#partName())            The name of the wsdl:part representing this parameter. |
| [String](http://docs.google.com/java/lang/String.html) | [**targetNamespace**](http://docs.google.com/javax/jws/WebParam.html#targetNamespace())            The XML namespace for the parameter. |

### name

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

Name of the parameter.

If the operation is rpc style and @WebParam.partName has not been specified, this is name of the wsdl:part representing the parameter.

If the operation is document style or the parameter maps to a header, this is the local name of the XML element representing the parameter.

A name MUST be specified if the operation is document style, the parameter style is BARE, and the mode is OUT or INOUT.

**Default:**""

### partName

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

The name of the wsdl:part representing this parameter.

This is only used if the operation is rpc style or if the operation is document style and the parameter style is BARE.

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

### targetNamespace

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

The XML namespace for the parameter.

Only used if the operation is document style or the paramater maps to a header. If the target namespace is set to "", this represents the empty namespace.

**Default:**""

### mode

public abstract [WebParam.Mode](http://docs.google.com/javax/jws/WebParam.Mode.html) **mode**

The direction in which the parameter is flowing (One of IN, OUT, or INOUT).

The OUT and INOUT modes may only be specified for parameter types that conform to the definition of Holder types (JAX-WS 2.0 [5], section 2.3.3). Parameters that are Holder Types MUST be OUT or INOUT.

**Default:**javax.jws.WebParam.Mode.IN

### header

public abstract boolean **header**

If true, the parameter is pulled from a message header rather then the message body.

**Default:**false

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/WebParam.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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| SUMMARY: REQUIRED | [OPTIONAL](#3znysh7) | DETAIL: [ELEMENT](#26in1rg) |

[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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