| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XmlEnum.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/xml/bind/annotation/XmlElementWrapper.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/annotation/XmlEnumValue.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/annotation/XmlEnum.html)    [**NO FRAMES**](http://docs.google.com/XmlEnum.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: REQUIRED | [OPTIONAL](#3znysh7) | DETAIL: [ELEMENT](#4d34og8) |

## **javax.xml.bind.annotation**

Annotation Type XmlEnum

[@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 **XmlEnum**

Maps an enum type [Enum](http://docs.google.com/java/lang/Enum.html) to XML representation.

This annotation, together with [XmlEnumValue](http://docs.google.com/javax/xml/bind/annotation/XmlEnumValue.html) provides a mapping of enum type to XML representation.

**Usage**

The @XmlEnum annotation can be used with the following program elements:

* enum type

The usage is subject to the following constraints:

* This annotation can be used the following other annotations: [XmlType](http://docs.google.com/javax/xml/bind/annotation/XmlType.html), [XmlRootElement](http://docs.google.com/javax/xml/bind/annotation/XmlRootElement.html)

See "Package Specification" in javax.xml.bind.package javadoc for additional common information

An enum type is mapped to a schema simple type with enumeration facets. The schema type is derived from the Java type to which @XmlEnum.value(). Each enum constant @XmlEnumValue must have a valid lexical representation for the type @XmlEnum.value() .

**Examples:** See examples in [XmlEnumValue](http://docs.google.com/javax/xml/bind/annotation/XmlEnumValue.html)

**Since:** JAXB2.0

| **Optional Element Summary** | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | [**value**](http://docs.google.com/javax/xml/bind/annotation/XmlEnum.html#value())            Java type that is mapped to a XML simple type. |

### value

public abstract [Class](http://docs.google.com/java/lang/Class.html)<?> **value**

Java type that is mapped to a XML simple type.

**Default:**java.lang.String.class

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XmlEnum.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](#4d34og8) |

[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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