| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XmlJavaTypeAdapter.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/adapters/XmlAdapter.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlJavaTypeAdapter.DEFAULT.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/annotation/adapters/XmlJavaTypeAdapter.html)    [**NO FRAMES**](http://docs.google.com/XmlJavaTypeAdapter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [REQUIRED](#3znysh7) | [OPTIONAL](#2et92p0) | DETAIL: [ELEMENT](#tyjcwt) |

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

Annotation Type XmlJavaTypeAdapter

[@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())={[PACKAGE](http://docs.google.com/java/lang/annotation/ElementType.html#PACKAGE),[FIELD](http://docs.google.com/java/lang/annotation/ElementType.html#FIELD),[METHOD](http://docs.google.com/java/lang/annotation/ElementType.html#METHOD),[TYPE](http://docs.google.com/java/lang/annotation/ElementType.html#TYPE),[PARAMETER](http://docs.google.com/java/lang/annotation/ElementType.html#PARAMETER)})  
public @interface **XmlJavaTypeAdapter**

Use an adapter that implements [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) for custom marshaling.

**Usage:**

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

* a JavaBean property
* field
* parameter
* package
* from within [XmlJavaTypeAdapters](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlJavaTypeAdapters.html)

When @XmlJavaTypeAdapter annotation is defined on a class, it applies to all references to the class.

When @XmlJavaTypeAdapter annotation is defined at the package level it applies to all references from within the package to @XmlJavaTypeAdapter.type().

When @XmlJavaTypeAdapter annotation is defined on the field, property or parameter, then the annotation applies to the field, property or the parameter only.

A @XmlJavaTypeAdapter annotation on a field, property or parameter overrides the @XmlJavaTypeAdapter annotation associated with the class being referenced by the field, property or parameter.

A @XmlJavaTypeAdapter annotation on a class overrides the @XmlJavaTypeAdapter annotation specified at the package level for that class.

This annotation can be used with the following other annotations: [XmlElement](http://docs.google.com/javax/xml/bind/annotation/XmlElement.html), [XmlAttribute](http://docs.google.com/javax/xml/bind/annotation/XmlAttribute.html), [XmlElementRef](http://docs.google.com/javax/xml/bind/annotation/XmlElementRef.html), [XmlElementRefs](http://docs.google.com/javax/xml/bind/annotation/XmlElementRefs.html), [XmlAnyElement](http://docs.google.com/javax/xml/bind/annotation/XmlAnyElement.html). This can also be used at the package level with the following annotations: [XmlAccessorType](http://docs.google.com/javax/xml/bind/annotation/XmlAccessorType.html), [XmlSchema](http://docs.google.com/javax/xml/bind/annotation/XmlSchema.html), [XmlSchemaType](http://docs.google.com/javax/xml/bind/annotation/XmlSchemaType.html), [XmlSchemaTypes](http://docs.google.com/javax/xml/bind/annotation/XmlSchemaTypes.html).

**Example:**  See example in [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)

**Since:** JAXB2.0 **See Also:**[XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)

| **Required Element Summary** | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)> | [**value**](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlJavaTypeAdapter.html#value())            Points to the clsss that converts a value type to a bound type or vice versa. |

| **Optional Element Summary** | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html) | [**type**](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlJavaTypeAdapter.html#type())            If this annotation is used at the package level, then value of the type() must be specified. |

| **Element Detail** |
| --- |

### value

public abstract [Class](http://docs.google.com/java/lang/Class.html)<? extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)> **value**

Points to the clsss that converts a value type to a bound type or vice versa. See [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) for more details.

### type

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

If this annotation is used at the package level, then value of the type() must be specified.

**Default:**javax.xml.bind.annotation.adapters.XmlJavaTypeAdapter.DEFAULT.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/XmlJavaTypeAdapter.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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