| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XmlList.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/XmlInlineBinaryData.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/annotation/XmlMimeType.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/annotation/XmlList.html)    [**NO FRAMES**](http://docs.google.com/XmlList.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: REQUIRED | OPTIONAL | DETAIL: ELEMENT |

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

Annotation Type XmlList

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

Used to map a property to a list simple type.

**Usage**

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

* JavaBean property
* field

When a collection property is annotated just with @XmlElement, each item in the collection will be wrapped by an element. For example,

@XmlRootElement  
 class Foo {  
 @XmlElement  
 List<String> data;  
 }

would produce XML like this:

<foo>  
 <data>abc</data>  
 <data>def</data>  
 </foo>

@XmlList annotation, on the other hand, allows multiple values to be represented as whitespace-separated tokens in a single element. For example,

@XmlRootElement  
 class Foo {  
 @XmlElement  
 @XmlList  
 List<String> data;  
 }

the above code will produce XML like this:

<foo>  
 <data>abc def</data>  
 </foo>

This annotation can be used with the following annotations: [XmlElement](http://docs.google.com/javax/xml/bind/annotation/XmlElement.html), [XmlAttribute](http://docs.google.com/javax/xml/bind/annotation/XmlAttribute.html), [XmlValue](http://docs.google.com/javax/xml/bind/annotation/XmlValue.html), [XmlIDREF](http://docs.google.com/javax/xml/bind/annotation/XmlIDREF.html).

* The use of @XmlList with [XmlValue](http://docs.google.com/javax/xml/bind/annotation/XmlValue.html) while allowed, is redundant since [XmlList](http://docs.google.com/javax/xml/bind/annotation/XmlList.html) maps a collection type to a simple schema type that derives by list just as [XmlValue](http://docs.google.com/javax/xml/bind/annotation/XmlValue.html) would.
* The use of @XmlList with [XmlAttribute](http://docs.google.com/javax/xml/bind/annotation/XmlAttribute.html) while allowed, is redundant since [XmlList](http://docs.google.com/javax/xml/bind/annotation/XmlList.html) maps a collection type to a simple schema type that derives by list just as [XmlAttribute](http://docs.google.com/javax/xml/bind/annotation/XmlAttribute.html) would.

**Since:** JAXB2.0

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XmlList.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/XmlInlineBinaryData.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/annotation/XmlMimeType.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/annotation/XmlList.html)    [**NO FRAMES**](http://docs.google.com/XmlList.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: REQUIRED | OPTIONAL | DETAIL: ELEMENT |

[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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