| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XmlElementWrapper.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/XmlElements.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/annotation/XmlEnum.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/annotation/XmlElementWrapper.html)    [**NO FRAMES**](http://docs.google.com/XmlElementWrapper.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: REQUIRED | [OPTIONAL](#3znysh7) | DETAIL: [ELEMENT](#17dp8vu) |

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

Annotation Type XmlElementWrapper

[@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)})  
public @interface **XmlElementWrapper**

Generates a wrapper element around XML representation. This is primarily intended to be used to produce a wrapper XML element around collections. The annotation therefore supports two forms of serialization shown below.

//Example: code fragment  
 int[] names;  
  
 // XML Serialization Form 1 (Unwrapped collection)  
 <names> ... </names>  
 <names> ... </names>  
   
 // XML Serialization Form 2 ( Wrapped collection )  
 <wrapperElement>  
 <names> value-of-item </names>  
 <names> value-of-item </names>  
 ....  
 </wrapperElement>

The two serialized XML forms allow a null collection to be represented either by absence or presence of an element with a nillable attribute.

**Usage**

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

* JavaBean property
* non static, non transient field

The usage is subject to the following constraints:

* The property must be a collection property
* This annotation can be used with the following annotations: [XmlElement](http://docs.google.com/javax/xml/bind/annotation/XmlElement.html), [XmlElements](http://docs.google.com/javax/xml/bind/annotation/XmlElements.html), [XmlElementRef](http://docs.google.com/javax/xml/bind/annotation/XmlElementRef.html), [XmlElementRefs](http://docs.google.com/javax/xml/bind/annotation/XmlElementRefs.html), [XmlJavaTypeAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlJavaTypeAdapter.html)

.

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

**Since:** JAXB2.0 **See Also:**[XmlElement](http://docs.google.com/javax/xml/bind/annotation/XmlElement.html), [XmlElements](http://docs.google.com/javax/xml/bind/annotation/XmlElements.html), [XmlElementRef](http://docs.google.com/javax/xml/bind/annotation/XmlElementRef.html), [XmlElementRefs](http://docs.google.com/javax/xml/bind/annotation/XmlElementRefs.html)

| **Optional Element Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**name**](http://docs.google.com/javax/xml/bind/annotation/XmlElementWrapper.html#name())            Name of the XML wrapper element. |
| [String](http://docs.google.com/java/lang/String.html) | [**namespace**](http://docs.google.com/javax/xml/bind/annotation/XmlElementWrapper.html#namespace())            XML target namespace of the XML wrapper element. |
| boolean | [**nillable**](http://docs.google.com/javax/xml/bind/annotation/XmlElementWrapper.html#nillable())            If true, the absence of the collection is represented by using xsi:nil='true'. |

### name

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

Name of the XML wrapper element. By default, the XML wrapper element name is derived from the JavaBean property name.

**Default:**"##default"

### namespace

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

XML target namespace of the XML wrapper element.

If the value is "##default", then the namespace is determined as follows:

1. If the enclosing package has [XmlSchema](http://docs.google.com/javax/xml/bind/annotation/XmlSchema.html) annotation, and its [elementFormDefault](http://docs.google.com/javax/xml/bind/annotation/XmlSchema.html#elementFormDefault()) is [QUALIFIED](http://docs.google.com/javax/xml/bind/annotation/XmlNsForm.html#QUALIFIED), then the namespace of the enclosing class.
2. Otherwise "" (which produces unqualified element in the default namespace.

**Default:**"##default"

### nillable

public abstract boolean **nillable**

If true, the absence of the collection is represented by using xsi:nil='true'. Otherwise, it is represented by the absence of the element.

**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/XmlElementWrapper.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](#17dp8vu) |

[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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