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

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

Annotation Type XmlSchema

[@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))  
public @interface **XmlSchema**

Maps a package name to a XML namespace.

**Usage**

The XmlSchema annotation can be used with the following program elements:

* package

This is a package level annotation and follows the recommendations and restrictions contained in JSR 175, section III, "Annotations". Thus the usage is subject to the following constraints and recommendations.

* There can only be one package declaration as noted in JSR 175, section III, "Annotations".
* JSR 175 recommends package-info.java for package level annotations. JAXB Providers that follow this recommendation will allow the package level annotations to be defined in package-info.java.

**Example 1:** Customize name of XML namespace to which package is mapped.

@javax.xml.bind.annotation.XmlSchema (  
 namespace = "http://www.example.com/MYPO1"  
 )  
   
 <!-- XML Schema fragment -->  
 <schema  
 xmlns=...  
 xmlns:po=....  
 targetNamespace="http://www.example.com/MYPO1"  
 >  
 <!-- prefixes generated by default are implementation  
 depedenent -->

**Example 2:** Customize namespace prefix, namespace URI mapping

// Package level annotation  
 @javax.xml.bind.annotation.XmlSchema (  
 xmlns = {   
 @javax.xml.bind.annotation.XmlNs(prefix = "po",   
 namespaceURI="http://www.example.com/myPO1"),  
  
 @javax.xml.bind.annotation.XmlNs(prefix="xs",  
 namespaceURI="http://www.w3.org/2001/XMLSchema")  
 )  
 )  
   
 <!-- XML Schema fragment -->  
 <schema  
 xmlns:xs="http://www.w3.org/2001/XMLSchema"  
 xmlns:po="http://www.example.com/PO1"  
 targetNamespace="http://www.example.com/PO1">

**Example 3:** Customize elementFormDefault

@javax.xml.bind.annotation.XmlSchema (  
 elementFormDefault=XmlNsForm.UNQUALIFIED  
 ...  
 )  
   
 <!-- XML Schema fragment -->  
 <schema  
 xmlns="http://www.w3.org/2001/XMLSchema"  
 xmlns:po="http://www.example.com/PO1"  
 elementFormDefault="unqualified">

**Since:** JAXB2.0

| **Optional Element Summary** | |
| --- | --- |
| [XmlNsForm](http://docs.google.com/javax/xml/bind/annotation/XmlNsForm.html) | [**attributeFormDefault**](http://docs.google.com/javax/xml/bind/annotation/XmlSchema.html#attributeFormDefault())            Namespace qualification for attributes. |
| [XmlNsForm](http://docs.google.com/javax/xml/bind/annotation/XmlNsForm.html) | [**elementFormDefault**](http://docs.google.com/javax/xml/bind/annotation/XmlSchema.html#elementFormDefault())            Namespace qualification for elements. |
| [String](http://docs.google.com/java/lang/String.html) | [**namespace**](http://docs.google.com/javax/xml/bind/annotation/XmlSchema.html#namespace())            Name of the XML namespace. |
| [XmlNs](http://docs.google.com/javax/xml/bind/annotation/XmlNs.html)[] | [**xmlns**](http://docs.google.com/javax/xml/bind/annotation/XmlSchema.html#xmlns())            Customize the namespace URI, prefix associations. |

### xmlns

public abstract [XmlNs](http://docs.google.com/javax/xml/bind/annotation/XmlNs.html)[] **xmlns**

Customize the namespace URI, prefix associations. By default, the namespace prefixes for a XML namespace are generated by a JAXB Provider in an implementation dependent way.

**Default:**{}

### namespace

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

Name of the XML namespace.

**Default:**""

### elementFormDefault

public abstract [XmlNsForm](http://docs.google.com/javax/xml/bind/annotation/XmlNsForm.html) **elementFormDefault**

Namespace qualification for elements. By default, element default attribute will be absent from the XML Schema fragment.

**Default:**javax.xml.bind.annotation.XmlNsForm.UNSET

### attributeFormDefault

public abstract [XmlNsForm](http://docs.google.com/javax/xml/bind/annotation/XmlNsForm.html) **attributeFormDefault**

Namespace qualification for attributes. By default, attributesFormDefault will be absent from the XML Schema fragment.

**Default:**javax.xml.bind.annotation.XmlNsForm.UNSET

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XmlSchema.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](#3rdcrjn) |

[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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