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

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

Annotation Type XmlSchemaType

[@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),[PACKAGE](http://docs.google.com/java/lang/annotation/ElementType.html#PACKAGE)})  
public @interface **XmlSchemaType**

Maps a Java type to a simple schema built-in type.

**Usage**

@XmlSchemaType annotation can be used with the following program elements:

* a JavaBean property
* field
* package

@XmlSchemaType annotation defined for Java type applies to all references to the Java type from a property/field. A @XmlSchemaType annotation specified on the property/field overrides the @XmlSchemaType annotation specified at the package level.

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).

**Example 1:**  Customize mapping of XMLGregorianCalendar on the field.

//Example: Code fragment  
 public class USPrice {  
 @XmlElement  
 @XmlSchemaType(name="date")  
 public XMLGregorianCalendar date;  
 }  
   
 <!-- Example: Local XML Schema element -->  
 <xs:complexType name="USPrice"/>  
 <xs:sequence>  
 <xs:element name="date" type="xs:date"/>  
 </sequence>  
 </xs:complexType>

**Example 2:**  Customize mapping of XMLGregorianCalendar at package level

package foo;  
 @javax.xml.bind.annotation.XmlSchemaType(  
 name="date", type=javax.xml.datatype.XMLGregorianCalendar.class)  
 }

**Since:** JAXB2.0

| **Required Element Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**name**](http://docs.google.com/javax/xml/bind/annotation/XmlSchemaType.html#name()) |

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

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

### name

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

### namespace

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

**Default:**"http://www.w3.org/2001/XMLSchema"

### 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.XmlSchemaType.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/XmlSchemaType.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](#3znysh7) | [OPTIONAL](#2et92p0) | DETAIL: [ELEMENT](#tyjcwt) |

[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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