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

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

Annotation Type XmlID

[@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 **XmlID**

Maps a JavaBean property to XML ID.

To preserve referential integrity of an object graph across XML serialization followed by a XML deserialization, requires an object reference to be marshalled by reference or containment appropriately. Annotations @XmlID and @XmlIDREF together allow a customized mapping of a JavaBean property's type by containment or reference.

**Usage**

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

* a JavaBean property
* non static, non transient field

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

The usage is subject to the following constraints:

* At most one field or property in a class can be annotated with @XmlID.
* The JavaBean property's type must be java.lang.String.
* The only other mapping annotations that can be used with @XmlID are:@XmlElement and @XmlAttribute.

**Example**: Map a JavaBean property's type to xs:ID

// Example: code fragment  
 public class Customer {  
 @XmlAttribute  
 @XmlID  
 public String getCustomerID();  
 public void setCustomerID(String id);  
 .... other properties not shown   
 }  
  
 <!-- Example: XML Schema fragment -->  
 <xs:complexType name="Customer">  
 <xs:complexContent>  
 <xs:sequence>  
 ....  
 </xs:sequence>  
 <xs:attribute name="customerID" type="xs:ID"/>  
 </xs:complexContent>  
 </xs:complexType>

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

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XmlID.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/XmlEnumValue.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/annotation/XmlIDREF.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/annotation/XmlID.html)    [**NO FRAMES**](http://docs.google.com/XmlID.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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).