| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JAXBIntrospector.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/JAXBException.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/MarshalException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/JAXBIntrospector.html)    [**NO FRAMES**](http://docs.google.com/JAXBIntrospector.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.xml.bind**

Class JAXBIntrospector

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.bind.JAXBIntrospector**

public abstract class **JAXBIntrospector**extends [Object](http://docs.google.com/java/lang/Object.html)

Provide access to JAXB xml binding data for a JAXB object.

Intially, the intent of this class is to just conceptualize how a JAXB application developer can access xml binding information, independent if binding model is java to schema or schema to java. Since accessing the XML element name related to a JAXB element is a highly requested feature, demonstrate access to this binding information. The factory method to get a JAXBIntrospector instance is [JAXBContext.createJAXBIntrospector()](http://docs.google.com/javax/xml/bind/JAXBContext.html#createJAXBIntrospector()).

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

| **Constructor Summary** | |
| --- | --- |
| [**JAXBIntrospector**](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html#JAXBIntrospector())() |

| **Method Summary** | |
| --- | --- |
| abstract  [QName](http://docs.google.com/javax/xml/namespace/QName.html) | [**getElementName**](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html#getElementName(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) jaxbElement)            Get xml element qname for jaxbElement. |
| static [Object](http://docs.google.com/java/lang/Object.html) | [**getValue**](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html#getValue(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) jaxbElement)            Get the element value of a JAXB element. |
| abstract  boolean | [**isElement**](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html#isElement(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) object)            Return true iff object represents a JAXB element. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### JAXBIntrospector

public **JAXBIntrospector**()

| **Method Detail** |
| --- |

### isElement

public abstract boolean **isElement**([Object](http://docs.google.com/java/lang/Object.html) object)

Return true iff object represents a JAXB element.

Parameter object is a JAXB element for following cases:

1. It is an instance of javax.xml.bind.JAXBElement.
2. The class of object is annotated with @XmlRootElement.

**See Also:**[getElementName(Object)](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html#getElementName(java.lang.Object))

### getElementName

public abstract [QName](http://docs.google.com/javax/xml/namespace/QName.html) **getElementName**([Object](http://docs.google.com/java/lang/Object.html) jaxbElement)

Get xml element qname for jaxbElement.

**Parameters:**jaxbElement - is an object that [isElement(Object)](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html#isElement(java.lang.Object)) returned true. **Returns:**xml element qname associated with jaxbElement; null if jaxbElement is not a JAXB Element.

### getValue

public static [Object](http://docs.google.com/java/lang/Object.html) **getValue**([Object](http://docs.google.com/java/lang/Object.html) jaxbElement)

Get the element value of a JAXB element.

Convenience method to abstract whether working with either a javax.xml.bind.JAXBElement instance or an instance of @XmlRootElement annotated Java class.

**Parameters:**jaxbElement - object that #isElement(Object) returns true. **Returns:**The element value of the jaxbElement.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JAXBIntrospector.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/JAXBException.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/MarshalException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/JAXBIntrospector.html)    [**NO FRAMES**](http://docs.google.com/JAXBIntrospector.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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[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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