| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JAXBSource.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/util/JAXBResult.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/util/ValidationEventCollector.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/util/JAXBSource.html)    [**NO FRAMES**](http://docs.google.com/JAXBSource.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | METHOD |

## **javax.xml.bind.util**

Class JAXBSource

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.xml.transform.sax.SAXSource](http://docs.google.com/javax/xml/transform/sax/SAXSource.html)  
 **javax.xml.bind.util.JAXBSource**

**All Implemented Interfaces:** [Source](http://docs.google.com/javax/xml/transform/Source.html)

public class **JAXBSource**extends [SAXSource](http://docs.google.com/javax/xml/transform/sax/SAXSource.html)

JAXP [Source](http://docs.google.com/javax/xml/transform/Source.html) implementation that marshals a JAXB-generated object.

This utility class is useful to combine JAXB with other Java/XML technologies.

The following example shows how to use JAXB to marshal a document for transformation by XSLT.

MyObject o = // get JAXB content tree  
   
 // jaxbContext is a JAXBContext object from which 'o' is created.  
 JAXBSource source = new JAXBSource( jaxbContext, o );  
   
 // set up XSLT transformation  
 TransformerFactory tf = TransformerFactory.newInstance();  
 Transformer t = tf.newTransformer(new StreamSource("test.xsl"));  
   
 // run transformation  
 t.transform(source,new StreamResult(System.out));

The fact that JAXBSource derives from SAXSource is an implementation detail. Thus in general applications are strongly discouraged from accessing methods defined on SAXSource. In particular, the setXMLReader and setInputSource methods shall never be called. The XMLReader object obtained by the getXMLReader method shall be used only for parsing the InputSource object returned by the getInputSource method.

Similarly the InputSource object obtained by the getInputSource method shall be used only for being parsed by the XMLReader object returned by the getXMLReader.

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.xml.transform.sax.**[**SAXSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html) |
| --- |
| [FEATURE](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#FEATURE) |

| **Constructor Summary** | |
| --- | --- |
| [**JAXBSource**](http://docs.google.com/javax/xml/bind/util/JAXBSource.html#JAXBSource(javax.xml.bind.JAXBContext,%20java.lang.Object))([JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) context, [Object](http://docs.google.com/java/lang/Object.html) contentObject)            Creates a new [Source](http://docs.google.com/javax/xml/transform/Source.html) for the given content object. |
| [**JAXBSource**](http://docs.google.com/javax/xml/bind/util/JAXBSource.html#JAXBSource(javax.xml.bind.Marshaller,%20java.lang.Object))([Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) marshaller, [Object](http://docs.google.com/java/lang/Object.html) contentObject)            Creates a new [Source](http://docs.google.com/javax/xml/transform/Source.html) for the given content object. |

| **Method Summary** | |
| --- | --- |

| **Methods inherited from class javax.xml.transform.sax.**[**SAXSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html) |
| --- |
| [getInputSource](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#getInputSource()), [getSystemId](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#getSystemId()), [getXMLReader](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#getXMLReader()), [setInputSource](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#setInputSource(org.xml.sax.InputSource)), [setSystemId](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#setSystemId(java.lang.String)), [setXMLReader](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#setXMLReader(org.xml.sax.XMLReader)), [sourceToInputSource](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#sourceToInputSource(javax.xml.transform.Source)) |

| **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** |
| --- |

### JAXBSource

public **JAXBSource**([JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) context,  
 [Object](http://docs.google.com/java/lang/Object.html) contentObject)  
 throws [JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html)

Creates a new [Source](http://docs.google.com/javax/xml/transform/Source.html) for the given content object.

**Parameters:**context - JAXBContext that was used to create contentObject. This context is used to create a new instance of marshaller and must not be null.contentObject - An instance of a JAXB-generated class, which will be used as a [Source](http://docs.google.com/javax/xml/transform/Source.html) (by marshalling it into XML). It must not be null. **Throws:** [JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html) - if an error is encountered while creating the JAXBSource or if either of the parameters are null.

### JAXBSource

public **JAXBSource**([Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) marshaller,  
 [Object](http://docs.google.com/java/lang/Object.html) contentObject)  
 throws [JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html)

Creates a new [Source](http://docs.google.com/javax/xml/transform/Source.html) for the given content object.

**Parameters:**marshaller - A marshaller instance that will be used to marshal contentObject into XML. This must be created from a JAXBContext that was used to build contentObject and must not be null.contentObject - An instance of a JAXB-generated class, which will be used as a [Source](http://docs.google.com/javax/xml/transform/Source.html) (by marshalling it into XML). It must not be null. **Throws:** [JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html) - if an error is encountered while creating the JAXBSource or if either of the parameters are null.

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