| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/transform/Source.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform//class-useSource.html)    [**NO FRAMES**](http://docs.google.com/Source.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.xml.transform.Source**

| Packages that use [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| [**java.sql**](#3znysh7) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**javax.xml.bind**](#2et92p0) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.bind.annotation**](#tyjcwt) | Defines annotations for customizing Java program elements to XML Schema mapping. |
| [**javax.xml.bind.helpers**](#3dy6vkm) | **JAXB Provider Use Only:** Provides partial default implementations for some of the javax.xml.bind interfaces. |
| [**javax.xml.bind.util**](#1t3h5sf) | Useful client utility classes. |
| [**javax.xml.soap**](#4d34og8) | Provides the API for creating and building SOAP messages. |
| [**javax.xml.stream**](#2s8eyo1) |  |
| [**javax.xml.transform**](#17dp8vu) | This package defines the generic APIs for processing transformation instructions, and performing a transformation from source to result. |
| [**javax.xml.transform.dom**](#3rdcrjn) | This package implements DOM-specific transformation APIs. |
| [**javax.xml.transform.sax**](#26in1rg) | This package implements SAX2-specific transformation APIs. |
| [**javax.xml.transform.stax**](#lnxbz9) | Provides for StAX-specific transformation APIs. |
| [**javax.xml.transform.stream**](#35nkun2) | This package implements stream- and URI- specific transformation APIs. |
| [**javax.xml.validation**](#1ksv4uv) | This package provides an API for validation of XML documents. |
| [**javax.xml.ws**](#44sinio) | This package contains the core JAX-WS APIs. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
| --- | --- |

| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) with type parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| | <T extends [Source](http://docs.google.com/javax/xml/transform/Source.html)>  T | | --- | | **SQLXML.**[**getSource**](http://docs.google.com/java/sql/SQLXML.html#getSource(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> sourceClass)            Returns a Source for reading the XML value designated by this SQLXML instance. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Unmarshal XML data from the specified XML Source and return the resulting content tree. |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(javax.xml.transform.Source,%20java.lang.Class))([Source](http://docs.google.com/javax/xml/transform/Source.html) source, [Class](http://docs.google.com/java/lang/Class.html)<T> declaredType)            Unmarshal XML data from the specified XML Source by declaredType and return the resulting content tree. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.bind.annotation](http://docs.google.com/javax/xml/bind/annotation/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind.annotation](http://docs.google.com/javax/xml/bind/annotation/package-summary.html) that return [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| [Source](http://docs.google.com/javax/xml/transform/Source.html) | **DomHandler.**[**marshal**](http://docs.google.com/javax/xml/bind/annotation/DomHandler.html#marshal(ElementT,%20javax.xml.bind.ValidationEventHandler))([ElementT](http://docs.google.com/javax/xml/bind/annotation/DomHandler.html) n, [ValidationEventHandler](http://docs.google.com/javax/xml/bind/ValidationEventHandler.html) errorHandler)            This method is called when a JAXB provider needs to marshal an element to XML. |
| [Source](http://docs.google.com/javax/xml/transform/Source.html) | **W3CDomHandler.**[**marshal**](http://docs.google.com/javax/xml/bind/annotation/W3CDomHandler.html#marshal(org.w3c.dom.Element,%20javax.xml.bind.ValidationEventHandler))([Element](http://docs.google.com/org/w3c/dom/Element.html) element, [ValidationEventHandler](http://docs.google.com/javax/xml/bind/ValidationEventHandler.html) errorHandler) |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) with parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source) |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(javax.xml.transform.Source,%20java.lang.Class))([Source](http://docs.google.com/javax/xml/transform/Source.html) source, [Class](http://docs.google.com/java/lang/Class.html)<T> expectedType) |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.bind.util](http://docs.google.com/javax/xml/bind/util/package-summary.html) | |
| --- | --- |

| Classes in [javax.xml.bind.util](http://docs.google.com/javax/xml/bind/util/package-summary.html) that implement [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| class | [**JAXBSource**](http://docs.google.com/javax/xml/bind/util/JAXBSource.html)            JAXP [Source](http://docs.google.com/javax/xml/transform/Source.html) implementation that marshals a JAXB-generated object. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) that return [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| abstract  [Source](http://docs.google.com/javax/xml/transform/Source.html) | **SOAPPart.**[**getContent**](http://docs.google.com/javax/xml/soap/SOAPPart.html#getContent())()            Returns the content of the SOAPEnvelope as a JAXP Source object. |

| Methods in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) with parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| abstract  void | **SOAPPart.**[**setContent**](http://docs.google.com/javax/xml/soap/SOAPPart.html#setContent(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Sets the content of the SOAPEnvelope object with the data from the given Source object. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) with parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Create a new XMLEventReader from a JAXP source. |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Create a new XMLStreamReader from a JAXP source. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.transform](http://docs.google.com/javax/xml/transform/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.transform](http://docs.google.com/javax/xml/transform/package-summary.html) that return [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| abstract  [Source](http://docs.google.com/javax/xml/transform/Source.html) | **TransformerFactory.**[**getAssociatedStylesheet**](http://docs.google.com/javax/xml/transform/TransformerFactory.html#getAssociatedStylesheet(javax.xml.transform.Source,%20java.lang.String,%20java.lang.String,%20java.lang.String))([Source](http://docs.google.com/javax/xml/transform/Source.html) source, [String](http://docs.google.com/java/lang/String.html) media, [String](http://docs.google.com/java/lang/String.html) title, [String](http://docs.google.com/java/lang/String.html) charset)            Get the stylesheet specification(s) associated with the XML Source document via the  [xml-stylesheet processing instruction](http://www.w3.org/TR/xml-stylesheet/) that match the given criteria. |
| [Source](http://docs.google.com/javax/xml/transform/Source.html) | **URIResolver.**[**resolve**](http://docs.google.com/javax/xml/transform/URIResolver.html#resolve(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) href, [String](http://docs.google.com/java/lang/String.html) base)            Called by the processor when it encounters an xsl:include, xsl:import, or document() function. |

| Methods in [javax.xml.transform](http://docs.google.com/javax/xml/transform/package-summary.html) with parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| abstract  [Source](http://docs.google.com/javax/xml/transform/Source.html) | **TransformerFactory.**[**getAssociatedStylesheet**](http://docs.google.com/javax/xml/transform/TransformerFactory.html#getAssociatedStylesheet(javax.xml.transform.Source,%20java.lang.String,%20java.lang.String,%20java.lang.String))([Source](http://docs.google.com/javax/xml/transform/Source.html) source, [String](http://docs.google.com/java/lang/String.html) media, [String](http://docs.google.com/java/lang/String.html) title, [String](http://docs.google.com/java/lang/String.html) charset)            Get the stylesheet specification(s) associated with the XML Source document via the  [xml-stylesheet processing instruction](http://www.w3.org/TR/xml-stylesheet/) that match the given criteria. |
| abstract  [Templates](http://docs.google.com/javax/xml/transform/Templates.html) | **TransformerFactory.**[**newTemplates**](http://docs.google.com/javax/xml/transform/TransformerFactory.html#newTemplates(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Process the Source into a Templates object, which is a a compiled representation of the source. |
| abstract  [Transformer](http://docs.google.com/javax/xml/transform/Transformer.html) | **TransformerFactory.**[**newTransformer**](http://docs.google.com/javax/xml/transform/TransformerFactory.html#newTransformer(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Process the Source into a Transformer Object. |
| abstract  void | **Transformer.**[**transform**](http://docs.google.com/javax/xml/transform/Transformer.html#transform(javax.xml.transform.Source,%20javax.xml.transform.Result))([Source](http://docs.google.com/javax/xml/transform/Source.html) xmlSource, [Result](http://docs.google.com/javax/xml/transform/Result.html) outputTarget)            Transform the XML Source to a Result. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.transform.dom](http://docs.google.com/javax/xml/transform/dom/package-summary.html) | |
| --- | --- |

| Classes in [javax.xml.transform.dom](http://docs.google.com/javax/xml/transform/dom/package-summary.html) that implement [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| class | [**DOMSource**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html)            Acts as a holder for a transformation Source tree in the form of a Document Object Model (DOM) tree. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.transform.sax](http://docs.google.com/javax/xml/transform/sax/package-summary.html) | |
| --- | --- |

| Classes in [javax.xml.transform.sax](http://docs.google.com/javax/xml/transform/sax/package-summary.html) that implement [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| class | [**SAXSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html)            Acts as an holder for SAX-style Source. |

| Methods in [javax.xml.transform.sax](http://docs.google.com/javax/xml/transform/sax/package-summary.html) with parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| abstract  [TransformerHandler](http://docs.google.com/javax/xml/transform/sax/TransformerHandler.html) | **SAXTransformerFactory.**[**newTransformerHandler**](http://docs.google.com/javax/xml/transform/sax/SAXTransformerFactory.html#newTransformerHandler(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) src)            Get a TransformerHandler object that can process SAX ContentHandler events into a Result, based on the transformation instructions specified by the argument. |
| abstract  [XMLFilter](http://docs.google.com/org/xml/sax/XMLFilter.html) | **SAXTransformerFactory.**[**newXMLFilter**](http://docs.google.com/javax/xml/transform/sax/SAXTransformerFactory.html#newXMLFilter(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) src)            Create an XMLFilter that uses the given Source as the transformation instructions. |
| static [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) | **SAXSource.**[**sourceToInputSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#sourceToInputSource(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Attempt to obtain a SAX InputSource object from a Source object. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.transform.stax](http://docs.google.com/javax/xml/transform/stax/package-summary.html) | |
| --- | --- |

| Classes in [javax.xml.transform.stax](http://docs.google.com/javax/xml/transform/stax/package-summary.html) that implement [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| class | [**StAXSource**](http://docs.google.com/javax/xml/transform/stax/StAXSource.html)            Acts as a holder for an XML [Source](http://docs.google.com/javax/xml/transform/Source.html) in the form of a StAX reader,i.e. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) | |
| --- | --- |

| Classes in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) that implement [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| class | [**StreamSource**](http://docs.google.com/javax/xml/transform/stream/StreamSource.html)            Acts as an holder for a transformation Source in the form of a stream of XML markup. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.validation](http://docs.google.com/javax/xml/validation/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.validation](http://docs.google.com/javax/xml/validation/package-summary.html) with parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| [Schema](http://docs.google.com/javax/xml/validation/Schema.html) | **SchemaFactory.**[**newSchema**](http://docs.google.com/javax/xml/validation/SchemaFactory.html#newSchema(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) schema)            Parses the specified source as a schema and returns it as a schema. |
| abstract  [Schema](http://docs.google.com/javax/xml/validation/Schema.html) | **SchemaFactory.**[**newSchema**](http://docs.google.com/javax/xml/validation/SchemaFactory.html#newSchema(javax.xml.transform.Source%5B%5D))([Source](http://docs.google.com/javax/xml/transform/Source.html)[] schemas)            Parses the specified source(s) as a schema and returns it as a schema. |
| void | **Validator.**[**validate**](http://docs.google.com/javax/xml/validation/Validator.html#validate(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Validates the specified input. |
| abstract  void | **Validator.**[**validate**](http://docs.google.com/javax/xml/validation/Validator.html#validate(javax.xml.transform.Source,%20javax.xml.transform.Result))([Source](http://docs.google.com/javax/xml/transform/Source.html) source, [Result](http://docs.google.com/javax/xml/transform/Result.html) result)            Validates the specified input and send the augmented validation result to the specified output. |

| Uses of [Source](http://docs.google.com/javax/xml/transform/Source.html) in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) that return [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| [Source](http://docs.google.com/javax/xml/transform/Source.html) | **LogicalMessage.**[**getPayload**](http://docs.google.com/javax/xml/ws/LogicalMessage.html#getPayload())()            Gets the message payload as an XML source, may be called multiple times on the same LogicalMessage instance, always returns a new Source that may be used to retrieve the entire message payload. |

| Methods in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) that return types with arguments of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| abstract  [List](http://docs.google.com/java/util/List.html)<[Source](http://docs.google.com/javax/xml/transform/Source.html)> | **Endpoint.**[**getMetadata**](http://docs.google.com/javax/xml/ws/Endpoint.html#getMetadata())()            Returns a list of metadata documents for the service. |

| Methods in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) with parameters of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| void | **LogicalMessage.**[**setPayload**](http://docs.google.com/javax/xml/ws/LogicalMessage.html#setPayload(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) payload)            Sets the message payload |

| Method parameters in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) with type arguments of type [Source](http://docs.google.com/javax/xml/transform/Source.html) | |
| --- | --- |
| abstract  void | **Endpoint.**[**setMetadata**](http://docs.google.com/javax/xml/ws/Endpoint.html#setMetadata(java.util.List))([List](http://docs.google.com/java/util/List.html)<[Source](http://docs.google.com/javax/xml/transform/Source.html)> metadata)            Sets the metadata for this endpoint. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/transform/Source.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform//class-useSource.html)    [**NO FRAMES**](http://docs.google.com/Source.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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