| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SAXSource.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/transform/sax/SAXResult.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/transform/sax/SAXTransformerFactory.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/sax/SAXSource.html)    [**NO FRAMES**](http://docs.google.com/SAXSource.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#2s8eyo1) | [METHOD](#lnxbz9) |

## **javax.xml.transform.sax**

Class SAXSource

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

**All Implemented Interfaces:** [Source](http://docs.google.com/javax/xml/transform/Source.html) **Direct Known Subclasses:** [JAXBSource](http://docs.google.com/javax/xml/bind/util/JAXBSource.html)

public class **SAXSource**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Source](http://docs.google.com/javax/xml/transform/Source.html)

Acts as an holder for SAX-style Source.

Note that XSLT requires namespace support. Attempting to transform an input source that is not generated with a namespace-aware parser may result in errors. Parsers can be made namespace aware by calling the [SAXParserFactory.setNamespaceAware(boolean awareness)](http://docs.google.com/javax/xml/parsers/SAXParserFactory.html#setNamespaceAware(boolean)) method.

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**FEATURE**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#FEATURE)            If [TransformerFactory.getFeature(java.lang.String)](http://docs.google.com/javax/xml/transform/TransformerFactory.html#getFeature(java.lang.String)) returns true when passed this value as an argument, the Transformer supports Source input of this type. |

| **Constructor Summary** | |
| --- | --- |
| [**SAXSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#SAXSource())()            Zero-argument default constructor. |
| [**SAXSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#SAXSource(org.xml.sax.InputSource))([InputSource](http://docs.google.com/org/xml/sax/InputSource.html) inputSource)            Create a SAXSource, using a SAX InputSource. |
| [**SAXSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#SAXSource(org.xml.sax.XMLReader,%20org.xml.sax.InputSource))([XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) reader, [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) inputSource)            Create a SAXSource, using an [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) and a SAX InputSource. |

| **Method Summary** | |
| --- | --- |
| [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) | [**getInputSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#getInputSource())()            Get the SAX InputSource to be used for the Source. |
| [String](http://docs.google.com/java/lang/String.html) | [**getSystemId**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#getSystemId())()            Get the base ID (URI or system ID) from where URIs will be resolved. |
| [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) | [**getXMLReader**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#getXMLReader())()            Get the XMLReader to be used for the Source. |
| void | [**setInputSource**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#setInputSource(org.xml.sax.InputSource))([InputSource](http://docs.google.com/org/xml/sax/InputSource.html) inputSource)            Set the SAX InputSource to be used for the Source. |
| void | [**setSystemId**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#setSystemId(java.lang.String))([String](http://docs.google.com/java/lang/String.html) systemId)            Set the system identifier for this Source. |
| void | [**setXMLReader**](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#setXMLReader(org.xml.sax.XMLReader))([XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) reader)            Set the XMLReader to be used for the Source. |
| static [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) | [**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. |

| **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)) |

| **Field Detail** |
| --- |

### FEATURE

public static final [String](http://docs.google.com/java/lang/String.html) **FEATURE**

If [TransformerFactory.getFeature(java.lang.String)](http://docs.google.com/javax/xml/transform/TransformerFactory.html#getFeature(java.lang.String)) returns true when passed this value as an argument, the Transformer supports Source input of this type.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.sax.SAXSource.FEATURE)

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

### SAXSource

public **SAXSource**()

Zero-argument default constructor. If this constructor is used, and no SAX source is set using [setInputSource(InputSource inputSource)](http://docs.google.com/javax/xml/transform/sax/SAXSource.html#setInputSource(org.xml.sax.InputSource)) , then the Transformer will create an empty source [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) using [new InputSource()](http://docs.google.com/org/xml/sax/InputSource.html#InputSource()).

**See Also:**[Transformer.transform(Source xmlSource, Result outputTarget)](http://docs.google.com/javax/xml/transform/Transformer.html#transform(javax.xml.transform.Source,%20javax.xml.transform.Result))

### SAXSource

public **SAXSource**([XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) reader,  
 [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) inputSource)

Create a SAXSource, using an [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) and a SAX InputSource. The [Transformer](http://docs.google.com/javax/xml/transform/Transformer.html) or [SAXTransformerFactory](http://docs.google.com/javax/xml/transform/sax/SAXTransformerFactory.html) will set itself to be the reader's [ContentHandler](http://docs.google.com/org/xml/sax/ContentHandler.html), and then will call reader.parse(inputSource).

**Parameters:**reader - An XMLReader to be used for the parse.inputSource - A SAX input source reference that must be non-null and that will be passed to the reader parse method.

### SAXSource

public **SAXSource**([InputSource](http://docs.google.com/org/xml/sax/InputSource.html) inputSource)

Create a SAXSource, using a SAX InputSource. The [Transformer](http://docs.google.com/javax/xml/transform/Transformer.html) or [SAXTransformerFactory](http://docs.google.com/javax/xml/transform/sax/SAXTransformerFactory.html) creates a reader via [XMLReaderFactory](http://docs.google.com/org/xml/sax/helpers/XMLReaderFactory.html) (if setXMLReader is not used), sets itself as the reader's [ContentHandler](http://docs.google.com/org/xml/sax/ContentHandler.html), and calls reader.parse(inputSource).

**Parameters:**inputSource - An input source reference that must be non-null and that will be passed to the parse method of the reader.

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

### setXMLReader

public void **setXMLReader**([XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) reader)

Set the XMLReader to be used for the Source.

**Parameters:**reader - A valid XMLReader or XMLFilter reference.

### getXMLReader

public [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) **getXMLReader**()

Get the XMLReader to be used for the Source.

**Returns:**A valid XMLReader or XMLFilter reference, or null.

### setInputSource

public void **setInputSource**([InputSource](http://docs.google.com/org/xml/sax/InputSource.html) inputSource)

Set the SAX InputSource to be used for the Source.

**Parameters:**inputSource - A valid InputSource reference.

### getInputSource

public [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) **getInputSource**()

Get the SAX InputSource to be used for the Source.

**Returns:**A valid InputSource reference, or null.

### setSystemId

public void **setSystemId**([String](http://docs.google.com/java/lang/String.html) systemId)

Set the system identifier for this Source. If an input source has already been set, it will set the system ID or that input source, otherwise it will create a new input source.

The system identifier is optional if there is a byte stream or a character stream, but it is still useful to provide one, since the application can use it to resolve relative URIs and can include it in error messages and warnings (the parser will attempt to open a connection to the URI only if no byte stream or character stream is specified).

**Specified by:**[setSystemId](http://docs.google.com/javax/xml/transform/Source.html#setSystemId(java.lang.String)) in interface [Source](http://docs.google.com/javax/xml/transform/Source.html) **Parameters:**systemId - The system identifier as a URI string.

### getSystemId

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

Get the base ID (URI or system ID) from where URIs will be resolved.

**Specified by:**[getSystemId](http://docs.google.com/javax/xml/transform/Source.html#getSystemId()) in interface [Source](http://docs.google.com/javax/xml/transform/Source.html) **Returns:**Base URL for the Source, or null.

### sourceToInputSource

public static [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) **sourceToInputSource**([Source](http://docs.google.com/javax/xml/transform/Source.html) source)

Attempt to obtain a SAX InputSource object from a Source object.

**Parameters:**source - Must be a non-null Source reference. **Returns:**An InputSource, or null if Source can not be converted.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SAXSource.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/transform/sax/SAXResult.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/transform/sax/SAXTransformerFactory.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/sax/SAXSource.html)    [**NO FRAMES**](http://docs.google.com/SAXSource.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#2s8eyo1) | [METHOD](#lnxbz9) |

[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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