| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SAXParser.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/parsers/ParserConfigurationException.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/parsers/SAXParserFactory.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/parsers/SAXParser.html)    [**NO FRAMES**](http://docs.google.com/SAXParser.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.parsers**

Class SAXParser

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

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

Defines the API that wraps an [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) implementation class. In JAXP 1.0, this class wrapped the [Parser](http://docs.google.com/org/xml/sax/Parser.html) interface, however this interface was replaced by the [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html). For ease of transition, this class continues to support the same name and interface as well as supporting new methods. An instance of this class can be obtained from the [SAXParserFactory.newSAXParser()](http://docs.google.com/javax/xml/parsers/SAXParserFactory.html#newSAXParser()) method. Once an instance of this class is obtained, XML can be parsed from a variety of input sources. These input sources are InputStreams, Files, URLs, and SAX InputSources.

This static method creates a new factory instance based on a system property setting or uses the platform default if no property has been defined.

The system property that controls which Factory implementation to create is named "javax.xml.parsers.SAXParserFactory". This property names a class that is a concrete subclass of this abstract class. If no property is defined, a platform default will be used.

As the content is parsed by the underlying parser, methods of the given [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) or the [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) are called.

Implementors of this class which wrap an underlaying implementation can consider using the [ParserAdapter](http://docs.google.com/org/xml/sax/helpers/ParserAdapter.html) class to initially adapt their SAX1 impelemntation to work under this revised class.

| **Constructor Summary** | |
| --- | --- |
| protected | [**SAXParser**](http://docs.google.com/javax/xml/parsers/SAXParser.html#SAXParser())()            Protected constructor to prevent instaniation. |

| **Method Summary** | |
| --- | --- |
| abstract  [Parser](http://docs.google.com/org/xml/sax/Parser.html) | [**getParser**](http://docs.google.com/javax/xml/parsers/SAXParser.html#getParser())()            Returns the SAX parser that is encapsultated by the implementation of this class. |
| abstract  [Object](http://docs.google.com/java/lang/Object.html) | [**getProperty**](http://docs.google.com/javax/xml/parsers/SAXParser.html#getProperty(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns the particular property requested for in the underlying implementation of [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html). |
| [Schema](http://docs.google.com/javax/xml/validation/Schema.html) | [**getSchema**](http://docs.google.com/javax/xml/parsers/SAXParser.html#getSchema())()            Get a reference to the the [Schema](http://docs.google.com/javax/xml/validation/Schema.html) being used by the XML processor. |
| abstract  [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) | [**getXMLReader**](http://docs.google.com/javax/xml/parsers/SAXParser.html#getXMLReader())()            Returns the [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) that is encapsulated by the implementation of this class. |
| abstract  boolean | [**isNamespaceAware**](http://docs.google.com/javax/xml/parsers/SAXParser.html#isNamespaceAware())()            Indicates whether or not this parser is configured to understand namespaces. |
| abstract  boolean | [**isValidating**](http://docs.google.com/javax/xml/parsers/SAXParser.html#isValidating())()            Indicates whether or not this parser is configured to validate XML documents. |
| boolean | [**isXIncludeAware**](http://docs.google.com/javax/xml/parsers/SAXParser.html#isXIncludeAware())()            Get the XInclude processing mode for this parser. |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.File,%20org.xml.sax.helpers.DefaultHandler))([File](http://docs.google.com/java/io/File.html) f, [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)            Parse the content of the file specified as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.File,%20org.xml.sax.HandlerBase))([File](http://docs.google.com/java/io/File.html) f, [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)            Parse the content of the file specified as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(org.xml.sax.InputSource,%20org.xml.sax.helpers.DefaultHandler))([InputSource](http://docs.google.com/org/xml/sax/InputSource.html) is, [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)            Parse the content given [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(org.xml.sax.InputSource,%20org.xml.sax.HandlerBase))([InputSource](http://docs.google.com/org/xml/sax/InputSource.html) is, [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)            Parse the content given [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.InputStream,%20org.xml.sax.helpers.DefaultHandler))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)            Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.InputStream,%20org.xml.sax.helpers.DefaultHandler,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh, [String](http://docs.google.com/java/lang/String.html) systemId)            Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.InputStream,%20org.xml.sax.HandlerBase))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)            Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.InputStream,%20org.xml.sax.HandlerBase,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) is, [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb, [String](http://docs.google.com/java/lang/String.html) systemId)            Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.lang.String,%20org.xml.sax.helpers.DefaultHandler))([String](http://docs.google.com/java/lang/String.html) uri, [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)            Parse the content described by the giving Uniform Resource Identifier (URI) as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html). |
| void | [**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.lang.String,%20org.xml.sax.HandlerBase))([String](http://docs.google.com/java/lang/String.html) uri, [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)            Parse the content described by the giving Uniform Resource Identifier (URI) as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html). |
| void | [**reset**](http://docs.google.com/javax/xml/parsers/SAXParser.html#reset())()            Reset this SAXParser to its original configuration. |
| abstract  void | [**setProperty**](http://docs.google.com/javax/xml/parsers/SAXParser.html#setProperty(java.lang.String,%20java.lang.Object))([String](http://docs.google.com/java/lang/String.html) name, [Object](http://docs.google.com/java/lang/Object.html) value)            Sets the particular property in the underlying implementation of [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html). |

| **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** |
| --- |

### SAXParser

protected **SAXParser**()

Protected constructor to prevent instaniation. Use [SAXParserFactory.newSAXParser()](http://docs.google.com/javax/xml/parsers/SAXParserFactory.html#newSAXParser()).

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

### reset

public void **reset**()

Reset this SAXParser to its original configuration.

SAXParser is reset to the same state as when it was created with [SAXParserFactory.newSAXParser()](http://docs.google.com/javax/xml/parsers/SAXParserFactory.html#newSAXParser()). reset() is designed to allow the reuse of existing SAXParsers thus saving resources associated with the creation of new SAXParsers.

The reset SAXParser is not guaranteed to have the same [Schema](http://docs.google.com/javax/xml/validation/Schema.html) Object, e.g. [Object.equals(Object obj)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)). It is guaranteed to have a functionally equal Schema.

**Throws:** [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html) - When Implementations do not override this method**Since:** 1.5

### parse

public void **parse**([InputStream](http://docs.google.com/java/io/InputStream.html) is,  
 [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html).  *Use of the DefaultHandler version of this method is recommended as the HandlerBase class has been deprecated in SAX 2.0*.

**Parameters:**is - InputStream containing the content to be parsed.hb - The SAX HandlerBase to use. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the given InputStream is null. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If parse produces a SAX error. [IOException](http://docs.google.com/java/io/IOException.html) - If an IO error occurs interacting with the InputStream.**See Also:**[DocumentHandler](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([InputStream](http://docs.google.com/java/io/InputStream.html) is,  
 [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb,  
 [String](http://docs.google.com/java/lang/String.html) systemId)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html).  *Use of the DefaultHandler version of this method is recommended as the HandlerBase class has been deprecated in SAX 2.0*.

**Parameters:**is - InputStream containing the content to be parsed.hb - The SAX HandlerBase to use.systemId - The systemId which is needed for resolving relative URIs. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the given InputStream is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO error occurs interacting with the InputStream. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[version of this method instead.](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([InputStream](http://docs.google.com/java/io/InputStream.html) is,  
 [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html).

**Parameters:**is - InputStream containing the content to be parsed.dh - The SAX DefaultHandler to use. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the given InputStream is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO errors occur. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[DocumentHandler](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([InputStream](http://docs.google.com/java/io/InputStream.html) is,  
 [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh,  
 [String](http://docs.google.com/java/lang/String.html) systemId)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content of the given [InputStream](http://docs.google.com/java/io/InputStream.html) instance as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html).

**Parameters:**is - InputStream containing the content to be parsed.dh - The SAX DefaultHandler to use.systemId - The systemId which is needed for resolving relative URIs. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the given InputStream is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO errors occur. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[version of this method instead.](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([String](http://docs.google.com/java/lang/String.html) uri,  
 [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content described by the giving Uniform Resource Identifier (URI) as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html).  *Use of the DefaultHandler version of this method is recommended as the HandlerBase class has been deprecated in SAX 2.0*

**Parameters:**uri - The location of the content to be parsed.hb - The SAX HandlerBase to use. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the uri is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO errors occur. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[DocumentHandler](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([String](http://docs.google.com/java/lang/String.html) uri,  
 [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content described by the giving Uniform Resource Identifier (URI) as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html).

**Parameters:**uri - The location of the content to be parsed.dh - The SAX DefaultHandler to use. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the uri is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO errors occur. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[DocumentHandler](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([File](http://docs.google.com/java/io/File.html) f,  
 [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content of the file specified as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html).  *Use of the DefaultHandler version of this method is recommended as the HandlerBase class has been deprecated in SAX 2.0*

**Parameters:**f - The file containing the XML to parsehb - The SAX HandlerBase to use. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the File object is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO errors occur. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[DocumentHandler](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([File](http://docs.google.com/java/io/File.html) f,  
 [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content of the file specified as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html).

**Parameters:**f - The file containing the XML to parsedh - The SAX DefaultHandler to use. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the File object is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO errors occur. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[DocumentHandler](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([InputSource](http://docs.google.com/org/xml/sax/InputSource.html) is,  
 [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content given [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html).  *Use of the DefaultHandler version of this method is recommended as the HandlerBase class has been deprecated in SAX 2.0*

**Parameters:**is - The InputSource containing the content to be parsed.hb - The SAX HandlerBase to use. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the InputSource object is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO errors occur. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[DocumentHandler](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### parse

public void **parse**([InputSource](http://docs.google.com/org/xml/sax/InputSource.html) is,  
 [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Parse the content given [InputSource](http://docs.google.com/org/xml/sax/InputSource.html) as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html).

**Parameters:**is - The InputSource containing the content to be parsed.dh - The SAX DefaultHandler to use. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the InputSource object is null. [IOException](http://docs.google.com/java/io/IOException.html) - If any IO errors occur. [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.**See Also:**[DocumentHandler](http://docs.google.com/org/xml/sax/DocumentHandler.html)

### getParser

public abstract [Parser](http://docs.google.com/org/xml/sax/Parser.html) **getParser**()  
 throws [SAXException](http://docs.google.com/org/xml/sax/SAXException.html)

Returns the SAX parser that is encapsultated by the implementation of this class.

**Returns:**The SAX parser that is encapsultated by the implementation of this class. **Throws:** [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.

### getXMLReader

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

Returns the [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) that is encapsulated by the implementation of this class.

**Returns:**The XMLReader that is encapsulated by the implementation of this class. **Throws:** [SAXException](http://docs.google.com/org/xml/sax/SAXException.html) - If any SAX errors occur during processing.

### isNamespaceAware

public abstract boolean **isNamespaceAware**()

Indicates whether or not this parser is configured to understand namespaces.

**Returns:**true if this parser is configured to understand namespaces; false otherwise.

### isValidating

public abstract boolean **isValidating**()

Indicates whether or not this parser is configured to validate XML documents.

**Returns:**true if this parser is configured to validate XML documents; false otherwise.

### setProperty

public abstract void **setProperty**([String](http://docs.google.com/java/lang/String.html) name,  
 [Object](http://docs.google.com/java/lang/Object.html) value)  
 throws [SAXNotRecognizedException](http://docs.google.com/org/xml/sax/SAXNotRecognizedException.html),  
 [SAXNotSupportedException](http://docs.google.com/org/xml/sax/SAXNotSupportedException.html)

Sets the particular property in the underlying implementation of [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html). A list of the core features and properties can be found at <http://sax.sourceforge.net/?selected=get-set>.

**Parameters:**name - The name of the property to be set.value - The value of the property to be set. **Throws:** [SAXNotRecognizedException](http://docs.google.com/org/xml/sax/SAXNotRecognizedException.html) - When the underlying XMLReader does not recognize the property name. [SAXNotSupportedException](http://docs.google.com/org/xml/sax/SAXNotSupportedException.html) - When the underlying XMLReader recognizes the property name but doesn't support the property.**See Also:**[XMLReader.setProperty(java.lang.String, java.lang.Object)](http://docs.google.com/org/xml/sax/XMLReader.html#setProperty(java.lang.String,%20java.lang.Object))

### getProperty

public abstract [Object](http://docs.google.com/java/lang/Object.html) **getProperty**([String](http://docs.google.com/java/lang/String.html) name)  
 throws [SAXNotRecognizedException](http://docs.google.com/org/xml/sax/SAXNotRecognizedException.html),  
 [SAXNotSupportedException](http://docs.google.com/org/xml/sax/SAXNotSupportedException.html)

Returns the particular property requested for in the underlying implementation of [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html).

**Parameters:**name - The name of the property to be retrieved. **Returns:**Value of the requested property. **Throws:** [SAXNotRecognizedException](http://docs.google.com/org/xml/sax/SAXNotRecognizedException.html) - When the underlying XMLReader does not recognize the property name. [SAXNotSupportedException](http://docs.google.com/org/xml/sax/SAXNotSupportedException.html) - When the underlying XMLReader recognizes the property name but doesn't support the property.**See Also:**[XMLReader.getProperty(java.lang.String)](http://docs.google.com/org/xml/sax/XMLReader.html#getProperty(java.lang.String))

### getSchema

public [Schema](http://docs.google.com/javax/xml/validation/Schema.html) **getSchema**()

Get a reference to the the [Schema](http://docs.google.com/javax/xml/validation/Schema.html) being used by the XML processor.

If no schema is being used, null is returned.

**Returns:**[Schema](http://docs.google.com/javax/xml/validation/Schema.html) being used or null if none in use **Throws:** [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html) - When implementation does not override this method**Since:** 1.5

### isXIncludeAware

public boolean **isXIncludeAware**()

Get the XInclude processing mode for this parser.

**Returns:**the return value of the [SAXParserFactory.isXIncludeAware()](http://docs.google.com/javax/xml/parsers/SAXParserFactory.html#isXIncludeAware()) when this parser was created from factory. **Throws:** [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html) - When implementation does not override this method**Since:** 1.5 **See Also:**[SAXParserFactory.setXIncludeAware(boolean)](http://docs.google.com/javax/xml/parsers/SAXParserFactory.html#setXIncludeAware(boolean))

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

[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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