

INTERFACES
org.xml.sax.Attributes
getIndex
Look up the index of an attribute by XML 1.0 qualified name. int getIndex(String qName) Look up the index of an attribute by Namespace name. int getIndex(String uri, String localPart)
getLength
Return the number of attributes in the list. int getLength()
getLocalName
Look up an attribute's local name by index. String getLocalName(int index)
getQName
Look up an attribute's XML 1.0 qualified name by index. String getQName(int index)
getType
Look up an attribute's type by index. String getType(int index) Look up an attribute's type by XML 1.0 qualified name. String getType(String qName) Look up an attribute's type by Namespace name. String getType(String uri, String localName)
getURI
Look up an attribute's Namespace URI by index. String getURI(int index)
getValue
Look up an attribute's value by index. String getValue(int index) Look up an attribute's value by XML 1.0 qualified name. String getValue(String qName) Look up an attribute's value by Namespace name. String getValue(String uri, String localName)
org.xml.sax.ContentHandler
characters
Receive notification of character data. void characters(char[] ch, int start, int len)
endDocument
Receive notification of the end of a document. void endDocument()
endElement
Receive notification of the end of an element. void endElement(String namespaceURI, String localName, String qName)
endPrefixMapping
End the scope of a prefix-URI mapping. void endPrefixMapping(String prefix)
ignorableWhitespace
Receive notification of ignorable whitespace in element content. void ignorableWhitespace(char[] ch, int start, int len)

processingInstruction
Receive notification of a processing instruction. void processingInstruction(String target, String data)
setDocumentLocator
Receive an object for locating the origin of SAX document events. void setDocumentLocator(Locator locator)
skippedEntity
Receive notification of a skipped entity. void skippedEntity(String name)
startDocument
Receive notification of the beginning of a document. void startDocument()
startElement
Receive notification of the beginning of an element. void startElement(String namespaceURI, String localName, String qName, Attributes atts)
startPrefixMapping
Begin the scope of a prefix-URI Namespace mapping. void startPrefixMapping(String prefix, String uri)
org.xml.sax.DTDHandler
notationDecl
Receive notification of a notation declaration event. void notationDecl(String name, String publicId, String systemId)
unparsedEntityDecl
Receive notification of an unparsed entity declaration event. void unparsedEntityDecl(String name, String publicId, String systemId, String notationName)
org.xml.sax.EntityResolver
resolveEntity
Allow the application to resolve external entities. InputSource resolveEntity(String publicId, String systemId)
org.xml.sax.ErrorHandler
error
Receive notification of a recoverable error. void error(SAXParseException exception)
fatalError
Receive notification of a non-recoverable error. void fatalError(SAXParseException exception)
warning
Receive notification of a warning. void warning(SAXParseException exception)
org.xml.sax.Locator
getColumnNumber
Return the column number where the current document event ends. int getColumnNumber()

getLineNumber
Return the line number where the current document event ends. int getLineNumber()
getPublicId
Return the public identifier for the current document event. String getPublicId()
getSystemId
Return the system identifier for the current document event. String getSystemId()
org.xml.sax.XMLFilter
getParent
Get the parent reader. XMLReader getParent()
setParent
Set the parent reader. void setParent(XMLReader parent)
org.xml.sax.XMLReader
getContentHandler
Return the current content handler. ContentHandler getContentHandler()
getDTDHandler
Return the current DTD handler. DTDHandler getDTDHandler()
getEntityResolver
Return the current entity resolver. EntityResolver getEntityResolver()
getErrorHandler
Return the current error handler. ErrorHandler getErrorHandler()
getFeature
Look up the value of a feature. boolean getFeature(String name)
getProperty
Look up the value of a property. java.lang.Object getProperty(String name)
parse
Parse an XML document. void parse(InputSource input) Parse an XML document from a system identifier (URI). void parse(String systemId)
setContentHandler
Allow an application to register a content event handler. void setContentHandler(ContentHandler handler)
setDTDHandler
Allow an application to register a DTD event handler. void setDTDHandler(DTDHandler handler)
setEntityResolver
Allow an application to register an entity resolver. void setEntityResolver(EntityResolver resolver)

setErrorHandler
Allow an application to register an error event handler. void setErrorHandler(ErrorHandler handler)
setFeature
Set the state of a feature. void setFeature(String name, boolean value)
setProperty
Set the value of a property. void setProperty(String name, Object value)
CLASSES
org.xml.sax.InputSource
A single input source for an XML entity.
InputSource
Zero-argument default constructor. InputSource() Create a new input source with a byte stream. InputSource(java.io.InputStream byteStream) Create a new input source with a character stream. InputSource(java.io.Reader characterStream) Create a new input source with a system identifier. InputSource(String systemId)
getByteStream
Get the byte stream for this input source. java.io.InputStream getByteStream()
getCharacterStream
Get the character stream for this input source. java.io.Reader getCharacterStream()
getEncoding
Get the character encoding for a byte stream or URI. String getEncoding()
getPublicId
Get the public identifier for this input source. String getPublicId()
getSystemId
Get the system identifier for this input source. String getSystemId()
setByteStream
Set the byte stream for this input source. void setByteStream(java.io.InputStream byteStream)
setCharacterStream
Set the character stream for this input source. void setCharacterStream(java.io.Reader characterStream)
setEncoding
Set the character encoding, if known. void setEncoding(String encoding)
setPublicId
Set the public identifier for this input source. void setPublicId(String publicId)
setSystemId
Set the system identifier for this input source.

void setSystemId(String systemId)

EXCEPTIONS

org.xml.sax.SAXException

SAXException

Create a new SAXException wrapping an existing exception.
SAXException(java.lang.Exception e)
Create a new SAXException.
SAXException(String message)
Create a new SAXException from an existing exception.
SAXException(String message, java.lang.Exception e)

getException

Return the embedded exception, if any.
java.lang.Exception getException()

getMessage

Return a detail message for this exception.
String getMessage()

toString

Override toString to pick up any embedded exception.
String toString()

org.xml.sax.SAXNotRecognizedException

SAXNotRecognizedException

Create a new SAXNotRecognizedException.
SAXNotRecognizedException(String message)

org.xml.sax.SAXNotSupportedException

SAXNotSupportedException

Create a new SAXNotSupportedException.
SAXNotSupportedException(String message)

org.xml.sax.SAXParseException

SAXParseException

Create a new SAXParseException from a message and a Locator.
SAXParseException(String msg, Locator l)
Create a SAXParseException from an existing Exception.
SAXParseException(String msg, Locator l, Exception e)
Create a new SAXParseException or wrap an existing Exception.
SAXParseException(String msg,
String publicId,
String systemId,
int lineNumber,
int columnNumber [, Exception e])

getColumnNumber

The column number of the end of the text where the exception occurred.
int getColumnNumber()

getLineNumber

The line number of the end of the text where the exception occurred.
int getLineNumber()

getPublicId

Get the public identifier of the entity where the exception occurred.
java.lang.String getPublicId()

getSystemId

Get the system identifier of the entity where the exception occurred.
java.lang.String getSystemId()



Quick Reference

Simple API for XML (SAX)

Version 2 for Java (Core)

5 May 2000

<http://www.saxproject.org/>

The interfaces, classes and exceptions outlined below are taken from the *org.xml.sax* package. This quick reference does not include deprecated features.

Table of Contents:

Interfaces

- Attributes
- ContentHandler
- DTDHandler
- EntityResolver
- ErrorHandler
- Locator
- XMLFilter
- XMLReader

Classes

- InputSource

Exceptions

- SAXException
- SAXNotRecognizedException
- SAXNotSupportedException
- SAXParseException

deepX Ltd.

Dublin, Ireland

info@deepX.com
<http://www.deepX.com/>