

Java SAX 2.0 Quick Reference (package org.xml.sax, without deprecated SAX 1.0 interfaces); <http://www.saxproject.org/>

interface XMLReader

Methods:
 void parse(String systemId) throws SAXException, IOException;
 void parse(InputSource input) throws SAXException, IOException;

void setContentHandler(ContentHandler contentHandler);
 ContentHandler getContentHandler();

void setDTDHandler(DTDHandler dtdHandler);
 DTDHandler getDTDHandler();

void setErrorHandler(ErrorHandler errorHandler);
 ErrorHandler getErrorHandler();

void setEntityResolver(EntityResolver entityResolver);
 EntityResolver getEntityResolver();

void setFeature(String name, boolean value)
 throws SAXNotRecognizedException,
 SAXNotSupportedException;

boolean getFeature(String name)
 throws SAXNotRecognizedException,
 SAXNotSupportedException;

void setProperty(String name, Object value)
 throws SAXNotRecognizedException,
 SAXNotSupportedException;

Object getProperty(String name)
 throws SAXNotRecognizedException,
 SAXNotSupportedException;

interface XMLFilter

Methods:
 void setParent(XMLReader parent);
 XMLReader getParent();

class org.xml.sax.helpers.XMLReaderFactory

Methods:
 static XMLReader createXMLReader() throws SAXException;
 static XMLReader createXMLReader(String className) throws SAXException;

interface Attributes

Methods:

int getLength();
 int getIndex(String qName);
 int getIndex(String uri, String localName);

String getLocalName(int index);
 String getURI(int index);
 String getQName(int index);

String getType(int index);
 String getType(String qName);
 String getType(String uri, String localName);

String getValue(int index);
 String getValue(String qName);
 String getValue(String uri, String localName);

class InputSource

Constructors: InputSource();
 InputSource(String systemId);
 InputSource(InputStream byteStream);
 InputSource(Reader characterStream);

Methods: String getPublicId();
 void setPublicId(String publicId);

String getSystemId();
 void setSystemId(String systemId);

InputStream getByteStream();
 void setByteStream(InputStream byteStream);

Reader getCharacterStream();
 void setCharacterStream(Reader charStream);

String getEncoding();
 void setEncoding(String encoding);

interface ContentHandler

Methods:
 void setDocumentLocator(Locator locator);

void processingInstruction(String target, String data) throws SAXException;

void skippedEntity(String name) throws SAXException;

void startDocument() throws SAXException;
 void endDocument() throws SAXException;

void startPrefixMapping(String prefix, String uri) throws SAXException;
 void endPrefixMapping(String prefix) throws SAXException;

void startElement(String nsURI, String localName, String qName, Attributes atts)
 throws SAXException;
 void endElement(String namespaceURI, String localName, String qName)
 throws SAXException;

void characters(char[] ch, int start, int length) throws SAXException;

void ignorableWhitespace(char[] ch, int start, int length) throws SAXException;

interface Locator

Methods: String getPublicId();
 String getSystemId();
 int getLineNumber();
 int getColumnNumber();

interface DTDHandler

Methods:
 void notationDecl(String name, String publicId, String systemId)
 throws SAXException;
 void unparsedEntityDecl(String name, String publicId,
 String systemId, String notationName)
 throws SAXException;

interface EntityResolver

Methods:
 InputSource resolveEntity(String publicId,
 String systemId)
 throws SAXException,
 IOException;

interface ErrorHandler

Methods:
 void warning(SAXParseException exception)
 throws SAXException;
 void error(SAXParseException exception)
 throws SAXException;
 void fatalError(SAXParseException exception)
 throws SAXException;

class org.xml.sax.helpers.DefaultHandler

class SAXException

Constructors:
 SAXException();
 SAXException(String message);
 SAXException(Exception e);
 SAXException(String message, Exception e);

Methods:
 String getMessage();
 Exception getException();
 String toString();

class SAXNotRecognizedException

Constructors: SAXNotRecognizedException();
 SAXNotRecognizedException(String message);

class SAXNotSupportedException

Constructors: SAXNotSupportedException();
 SAXNotSupportedException(String message);

class SAXParseException

Constructors:
 SAXParseException(String message, Locator locator);
 SAXParseException(String message, Locator locator, Exception e);
 SAXParseException(String message, String publicId,
 String systemId, int lineNumber, int columnNumber);
 SAXParseException(String message, String publicId,
 String systemId, int lineNumber,
 int columnNumber, Exception e);

Methods:
 String getPublicId();
 String getSystemId();
 String getExceptionId();
 int getLineNumber();
 int getColumnNumber();
 void setExceptionId(String id);