| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SAXParseException.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/org/xml/sax/SAXNotSupportedException.html)   [**NEXT CLASS**](http://docs.google.com/org/xml/sax/XMLFilter.html) | [**FRAMES**](http://docs.google.com/index.html?org/xml/sax/SAXParseException.html)    [**NO FRAMES**](http://docs.google.com/SAXParseException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#lnxbz9) |

## **org.xml.sax**

Class SAXParseException

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Throwable](http://docs.google.com/java/lang/Throwable.html)  
 [java.lang.Exception](http://docs.google.com/java/lang/Exception.html)  
 [org.xml.sax.SAXException](http://docs.google.com/org/xml/sax/SAXException.html)  
 **org.xml.sax.SAXParseException**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **SAXParseException**extends [SAXException](http://docs.google.com/org/xml/sax/SAXException.html)

Encapsulate an XML parse error or warning.

*This module, both source code and documentation, is in the Public Domain, and comes with* ***NO WARRANTY****.* See <http://www.saxproject.org> for further information.

This exception may include information for locating the error in the original XML document, as if it came from a [Locator](http://docs.google.com/org/xml/sax/Locator.html) object. Note that although the application will receive a SAXParseException as the argument to the handlers in the [ErrorHandler](http://docs.google.com/org/xml/sax/ErrorHandler.html) interface, the application is not actually required to throw the exception; instead, it can simply read the information in it and take a different action.

Since this exception is a subclass of [SAXException](http://docs.google.com/org/xml/sax/SAXException.html), it inherits the ability to wrap another exception.

**Since:** SAX 1.0 **See Also:**[SAXException](http://docs.google.com/org/xml/sax/SAXException.html), [Locator](http://docs.google.com/org/xml/sax/Locator.html), [ErrorHandler](http://docs.google.com/org/xml/sax/ErrorHandler.html), [Serialized Form](http://docs.google.com/serialized-form.html#org.xml.sax.SAXParseException)

| **Constructor Summary** | |
| --- | --- |
| [**SAXParseException**](http://docs.google.com/org/xml/sax/SAXParseException.html#SAXParseException(java.lang.String,%20org.xml.sax.Locator))([String](http://docs.google.com/java/lang/String.html) message, [Locator](http://docs.google.com/org/xml/sax/Locator.html) locator)            Create a new SAXParseException from a message and a Locator. |
| [**SAXParseException**](http://docs.google.com/org/xml/sax/SAXParseException.html#SAXParseException(java.lang.String,%20org.xml.sax.Locator,%20java.lang.Exception))([String](http://docs.google.com/java/lang/String.html) message, [Locator](http://docs.google.com/org/xml/sax/Locator.html) locator, [Exception](http://docs.google.com/java/lang/Exception.html) e)            Wrap an existing exception in a SAXParseException. |
| [**SAXParseException**](http://docs.google.com/org/xml/sax/SAXParseException.html#SAXParseException(java.lang.String,%20java.lang.String,%20java.lang.String,%20int,%20int))([String](http://docs.google.com/java/lang/String.html) message, [String](http://docs.google.com/java/lang/String.html) publicId, [String](http://docs.google.com/java/lang/String.html) systemId, int lineNumber, int columnNumber)            Create a new SAXParseException. |
| [**SAXParseException**](http://docs.google.com/org/xml/sax/SAXParseException.html#SAXParseException(java.lang.String,%20java.lang.String,%20java.lang.String,%20int,%20int,%20java.lang.Exception))([String](http://docs.google.com/java/lang/String.html) message, [String](http://docs.google.com/java/lang/String.html) publicId, [String](http://docs.google.com/java/lang/String.html) systemId, int lineNumber, int columnNumber, [Exception](http://docs.google.com/java/lang/Exception.html) e)            Create a new SAXParseException with an embedded exception. |

| **Method Summary** | |
| --- | --- |
| int | [**getColumnNumber**](http://docs.google.com/org/xml/sax/SAXParseException.html#getColumnNumber())()            The column number of the end of the text where the exception occurred. |
| int | [**getLineNumber**](http://docs.google.com/org/xml/sax/SAXParseException.html#getLineNumber())()            The line number of the end of the text where the exception occurred. |
| [String](http://docs.google.com/java/lang/String.html) | [**getPublicId**](http://docs.google.com/org/xml/sax/SAXParseException.html#getPublicId())()            Get the public identifier of the entity where the exception occurred. |
| [String](http://docs.google.com/java/lang/String.html) | [**getSystemId**](http://docs.google.com/org/xml/sax/SAXParseException.html#getSystemId())()            Get the system identifier of the entity where the exception occurred. |

| **Methods inherited from class org.xml.sax.**[**SAXException**](http://docs.google.com/org/xml/sax/SAXException.html) |
| --- |
| [getException](http://docs.google.com/org/xml/sax/SAXException.html#getException()), [getMessage](http://docs.google.com/org/xml/sax/SAXException.html#getMessage()), [toString](http://docs.google.com/org/xml/sax/SAXException.html#toString()) |

| **Methods inherited from class java.lang.**[**Throwable**](http://docs.google.com/java/lang/Throwable.html) |
| --- |
| [fillInStackTrace](http://docs.google.com/java/lang/Throwable.html#fillInStackTrace()), [getCause](http://docs.google.com/java/lang/Throwable.html#getCause()), [getLocalizedMessage](http://docs.google.com/java/lang/Throwable.html#getLocalizedMessage()), [getStackTrace](http://docs.google.com/java/lang/Throwable.html#getStackTrace()), [initCause](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace()), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintStream)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintWriter)), [setStackTrace](http://docs.google.com/java/lang/Throwable.html#setStackTrace(java.lang.StackTraceElement%5B%5D)) |

| **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()), [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** |
| --- |

### SAXParseException

public **SAXParseException**([String](http://docs.google.com/java/lang/String.html) message,  
 [Locator](http://docs.google.com/org/xml/sax/Locator.html) locator)

Create a new SAXParseException from a message and a Locator.

This constructor is especially useful when an application is creating its own exception from within a [ContentHandler](http://docs.google.com/org/xml/sax/ContentHandler.html) callback.

**Parameters:**message - The error or warning message.locator - The locator object for the error or warning (may be null).**See Also:**[Locator](http://docs.google.com/org/xml/sax/Locator.html)

### SAXParseException

public **SAXParseException**([String](http://docs.google.com/java/lang/String.html) message,  
 [Locator](http://docs.google.com/org/xml/sax/Locator.html) locator,  
 [Exception](http://docs.google.com/java/lang/Exception.html) e)

Wrap an existing exception in a SAXParseException.

This constructor is especially useful when an application is creating its own exception from within a [ContentHandler](http://docs.google.com/org/xml/sax/ContentHandler.html) callback, and needs to wrap an existing exception that is not a subclass of [SAXException](http://docs.google.com/org/xml/sax/SAXException.html).

**Parameters:**message - The error or warning message, or null to use the message from the embedded exception.locator - The locator object for the error or warning (may be null).e - Any exception.**See Also:**[Locator](http://docs.google.com/org/xml/sax/Locator.html)

### SAXParseException

public **SAXParseException**([String](http://docs.google.com/java/lang/String.html) message,  
 [String](http://docs.google.com/java/lang/String.html) publicId,  
 [String](http://docs.google.com/java/lang/String.html) systemId,  
 int lineNumber,  
 int columnNumber)

Create a new SAXParseException.

This constructor is most useful for parser writers.

All parameters except the message are as if they were provided by a [Locator](http://docs.google.com/org/xml/sax/Locator.html). For example, if the system identifier is a URL (including relative filename), the caller must resolve it fully before creating the exception.

**Parameters:**message - The error or warning message.publicId - The public identifier of the entity that generated the error or warning.systemId - The system identifier of the entity that generated the error or warning.lineNumber - The line number of the end of the text that caused the error or warning.columnNumber - The column number of the end of the text that cause the error or warning.

### SAXParseException

public **SAXParseException**([String](http://docs.google.com/java/lang/String.html) message,  
 [String](http://docs.google.com/java/lang/String.html) publicId,  
 [String](http://docs.google.com/java/lang/String.html) systemId,  
 int lineNumber,  
 int columnNumber,  
 [Exception](http://docs.google.com/java/lang/Exception.html) e)

Create a new SAXParseException with an embedded exception.

This constructor is most useful for parser writers who need to wrap an exception that is not a subclass of [SAXException](http://docs.google.com/org/xml/sax/SAXException.html).

All parameters except the message and exception are as if they were provided by a [Locator](http://docs.google.com/org/xml/sax/Locator.html). For example, if the system identifier is a URL (including relative filename), the caller must resolve it fully before creating the exception.

**Parameters:**message - The error or warning message, or null to use the message from the embedded exception.publicId - The public identifier of the entity that generated the error or warning.systemId - The system identifier of the entity that generated the error or warning.lineNumber - The line number of the end of the text that caused the error or warning.columnNumber - The column number of the end of the text that cause the error or warning.e - Another exception to embed in this one.

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

### getPublicId

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

Get the public identifier of the entity where the exception occurred.

**Returns:**A string containing the public identifier, or null if none is available.**See Also:**[Locator.getPublicId()](http://docs.google.com/org/xml/sax/Locator.html#getPublicId())

### getSystemId

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

Get the system identifier of the entity where the exception occurred.

If the system identifier is a URL, it will have been resolved fully.

**Returns:**A string containing the system identifier, or null if none is available.**See Also:**[Locator.getSystemId()](http://docs.google.com/org/xml/sax/Locator.html#getSystemId())

### getLineNumber

public int **getLineNumber**()

The line number of the end of the text where the exception occurred.

The first line is line 1.

**Returns:**An integer representing the line number, or -1 if none is available.**See Also:**[Locator.getLineNumber()](http://docs.google.com/org/xml/sax/Locator.html#getLineNumber())

### getColumnNumber

public int **getColumnNumber**()

The column number of the end of the text where the exception occurred.

The first column in a line is position 1.

**Returns:**An integer representing the column number, or -1 if none is available.**See Also:**[Locator.getColumnNumber()](http://docs.google.com/org/xml/sax/Locator.html#getColumnNumber())

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