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

## **javax.xml.stream**

Interface Location

public interface **Location**

Provides information on the location of an event. All the information provided by a Location is optional. For example an application may only report line numbers.

**Since:** 1.6

| **Method Summary** | |
| --- | --- |
| int | [**getCharacterOffset**](http://docs.google.com/javax/xml/stream/Location.html#getCharacterOffset())()            Return the byte or character offset into the input source this location is pointing to. |
| int | [**getColumnNumber**](http://docs.google.com/javax/xml/stream/Location.html#getColumnNumber())()            Return the column number where the current event ends, returns -1 if none is available. |
| int | [**getLineNumber**](http://docs.google.com/javax/xml/stream/Location.html#getLineNumber())()            Return the line number where the current event ends, returns -1 if none is available. |
| [String](http://docs.google.com/java/lang/String.html) | [**getPublicId**](http://docs.google.com/javax/xml/stream/Location.html#getPublicId())()            Returns the public ID of the XML |
| [String](http://docs.google.com/java/lang/String.html) | [**getSystemId**](http://docs.google.com/javax/xml/stream/Location.html#getSystemId())()            Returns the system ID of the XML |

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

### getLineNumber

int **getLineNumber**()

Return the line number where the current event ends, returns -1 if none is available.

**Returns:**the current line number

### getColumnNumber

int **getColumnNumber**()

Return the column number where the current event ends, returns -1 if none is available.

**Returns:**the current column number

### getCharacterOffset

int **getCharacterOffset**()

Return the byte or character offset into the input source this location is pointing to. If the input source is a file or a byte stream then this is the byte offset into that stream, but if the input source is a character media then the offset is the character offset. Returns -1 if there is no offset available.

**Returns:**the current offset

### getPublicId

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

Returns the public ID of the XML

**Returns:**the public ID, or null if not available

### getSystemId

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

Returns the system ID of the XML

**Returns:**the system ID, or null if not available

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

[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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