| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/URISyntaxException.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/java/net/URI.html)   [**NEXT CLASS**](http://docs.google.com/java/net/URL.html) | [**FRAMES**](http://docs.google.com/index.html?java/net/URISyntaxException.html)    [**NO FRAMES**](http://docs.google.com/URISyntaxException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#17dp8vu) |

## **java.net**

Class URISyntaxException

[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)  
 **java.net.URISyntaxException**

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

public class **URISyntaxException**extends [Exception](http://docs.google.com/java/lang/Exception.html)

Checked exception thrown to indicate that a string could not be parsed as a URI reference.

**Since:** 1.4 **See Also:**[URI](http://docs.google.com/java/net/URI.html), [Serialized Form](http://docs.google.com/serialized-form.html#java.net.URISyntaxException)

| **Constructor Summary** | |
| --- | --- |
| [**URISyntaxException**](http://docs.google.com/java/net/URISyntaxException.html#URISyntaxException(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) input, [String](http://docs.google.com/java/lang/String.html) reason)            Constructs an instance from the given input string and reason. |
| [**URISyntaxException**](http://docs.google.com/java/net/URISyntaxException.html#URISyntaxException(java.lang.String,%20java.lang.String,%20int))([String](http://docs.google.com/java/lang/String.html) input, [String](http://docs.google.com/java/lang/String.html) reason, int index)            Constructs an instance from the given input string, reason, and error index. |

| **Method Summary** | |
| --- | --- |
| int | [**getIndex**](http://docs.google.com/java/net/URISyntaxException.html#getIndex())()            Returns an index into the input string of the position at which the parse error occurred, or -1 if this position is not known. |
| [String](http://docs.google.com/java/lang/String.html) | [**getInput**](http://docs.google.com/java/net/URISyntaxException.html#getInput())()            Returns the input string. |
| [String](http://docs.google.com/java/lang/String.html) | [**getMessage**](http://docs.google.com/java/net/URISyntaxException.html#getMessage())()            Returns a string describing the parse error. |
| [String](http://docs.google.com/java/lang/String.html) | [**getReason**](http://docs.google.com/java/net/URISyntaxException.html#getReason())()            Returns a string explaining why the input string could not be parsed. |

| **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)), [toString](http://docs.google.com/java/lang/Throwable.html#toString()) |

| **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** |
| --- |

### URISyntaxException

public **URISyntaxException**([String](http://docs.google.com/java/lang/String.html) input,  
 [String](http://docs.google.com/java/lang/String.html) reason,  
 int index)

Constructs an instance from the given input string, reason, and error index.

**Parameters:**input - The input stringreason - A string explaining why the input could not be parsedindex - The index at which the parse error occurred, or -1 if the index is not known **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - If either the input or reason strings are null [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If the error index is less than -1

### URISyntaxException

public **URISyntaxException**([String](http://docs.google.com/java/lang/String.html) input,  
 [String](http://docs.google.com/java/lang/String.html) reason)

Constructs an instance from the given input string and reason. The resulting object will have an error index of -1.

**Parameters:**input - The input stringreason - A string explaining why the input could not be parsed **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - If either the input or reason strings are null

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

### getInput

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

Returns the input string.

**Returns:**The input string

### getReason

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

Returns a string explaining why the input string could not be parsed.

**Returns:**The reason string

### getIndex

public int **getIndex**()

Returns an index into the input string of the position at which the parse error occurred, or -1 if this position is not known.

**Returns:**The error index

### getMessage

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

Returns a string describing the parse error. The resulting string consists of the reason string followed by a colon character (':'), a space, and the input string. If the error index is defined then the string " at index " followed by the index, in decimal, is inserted after the reason string and before the colon character.

**Overrides:**[getMessage](http://docs.google.com/java/lang/Throwable.html#getMessage()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**A string describing the parse error

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/URISyntaxException.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*** |
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[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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