

java.util.regex

Class PatternSyntaxException

All Implemented Interfaces:

Serializable

public class PatternSyntaxException extends IllegalArgumentException

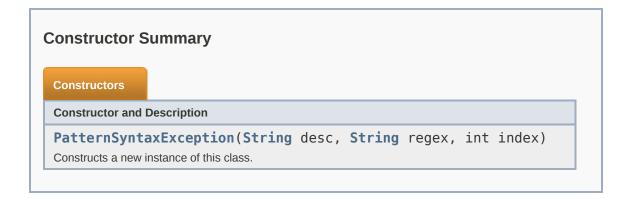
Unchecked exception thrown to indicate a syntax error in a regular-expression pattern.

Since:

1.4

See Also:

Serialized Form



Method Summary

Methods	
Modifier and Type	Method and Description
String	<pre>getDescription() Retrieves the description of the error.</pre>
int	getIndex () Retrieves the error index.
String	getMessage() Returns a multi-line string containing the description of the syntax error and its index, the erroneous regular-expression pattern, and a visual indication of the error index within the pattern.
String	<pre>getPattern() Retrieves the erroneous regular-expression pattern.</pre>

Methods inherited from class java.lang.Throwable

addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getStackTrace, getSuppressed, initCause, printStackTrace, printStackTrace, printStackTrace, setStackTrace, toString

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll,
wait, wait, wait

Constructor Detail

PatternSyntaxException

Constructs a new instance of this class.

Parameters:

desc - A description of the error

regex - The erroneous pattern

index - The approximate index in the pattern of the error, or -1 if the index is not known

Method Detail

getIndex

public int getIndex()

Retrieves the error index.

Returns:

The approximate index in the pattern of the error, or $\,$ $-\,$ 1 if the index is not known

getDescription

public String getDescription()

Retrieves the description of the error.

Returns:

The description of the error

getPattern

public String getPattern()

Retrieves the erroneous regular-expression pattern.

Returns:

The erroneous pattern

getMessage

public String getMessage()

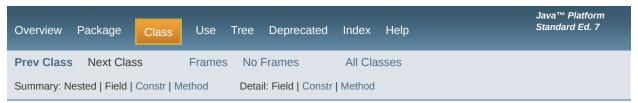
Returns a multi-line string containing the description of the syntax error and its index, the erroneous regular-expression pattern, and a visual indication of the error index within the pattern.

Overrides:

getMessage in class Throwable

Returns:

The full detail message



Submit a bug or feature

For further API reference and developer documentation, see Java SE Documentation. That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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