| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ParsePosition.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/text/ParseException.html)   [**NEXT CLASS**](http://docs.google.com/java/text/RuleBasedCollator.html) | [**FRAMES**](http://docs.google.com/index.html?java/text/ParsePosition.html)    [**NO FRAMES**](http://docs.google.com/ParsePosition.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **java.text**

Class ParsePosition

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.text.ParsePosition**

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

ParsePosition is a simple class used by Format and its subclasses to keep track of the current position during parsing. The parseObject method in the various Format classes requires a ParsePosition object as an argument.

By design, as you parse through a string with different formats, you can use the same ParsePosition, since the index parameter records the current position.

**See Also:**[Format](http://docs.google.com/java/text/Format.html)

| **Constructor Summary** | |
| --- | --- |
| [**ParsePosition**](http://docs.google.com/java/text/ParsePosition.html#ParsePosition(int))(int index)            Create a new ParsePosition with the given initial index. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/java/text/ParsePosition.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Overrides equals |
| int | [**getErrorIndex**](http://docs.google.com/java/text/ParsePosition.html#getErrorIndex())()            Retrieve the index at which an error occurred, or -1 if the error index has not been set. |
| int | [**getIndex**](http://docs.google.com/java/text/ParsePosition.html#getIndex())()            Retrieve the current parse position. |
| int | [**hashCode**](http://docs.google.com/java/text/ParsePosition.html#hashCode())()            Returns a hash code for this ParsePosition. |
| void | [**setErrorIndex**](http://docs.google.com/java/text/ParsePosition.html#setErrorIndex(int))(int ei)            Set the index at which a parse error occurred. |
| void | [**setIndex**](http://docs.google.com/java/text/ParsePosition.html#setIndex(int))(int index)            Set the current parse position. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/text/ParsePosition.html#toString())()            Return a string representation of this ParsePosition. |

| **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()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [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** |
| --- |

### ParsePosition

public **ParsePosition**(int index)

Create a new ParsePosition with the given initial index.

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

### getIndex

public int **getIndex**()

Retrieve the current parse position. On input to a parse method, this is the index of the character at which parsing will begin; on output, it is the index of the character following the last character parsed.

### setIndex

public void **setIndex**(int index)

Set the current parse position.

### setErrorIndex

public void **setErrorIndex**(int ei)

Set the index at which a parse error occurred. Formatters should set this before returning an error code from their parseObject method. The default value is -1 if this is not set.

**Since:** 1.2

### getErrorIndex

public int **getErrorIndex**()

Retrieve the index at which an error occurred, or -1 if the error index has not been set.

**Since:** 1.2

### equals

public boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Overrides equals

**Overrides:**[equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) in class [Object](http://docs.google.com/java/lang/Object.html) **Parameters:**obj - the reference object with which to compare. **Returns:**true if this object is the same as the obj argument; false otherwise.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### hashCode

public int **hashCode**()

Returns a hash code for this ParsePosition.

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code value for this object**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### toString

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

Return a string representation of this ParsePosition.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of this object

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