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

## **javax.swing.text**

Class TabSet

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

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

public class **TabSet**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

A TabSet is comprised of many TabStops. It offers methods for locating the closest TabStop to a given position and finding all the potential TabStops. It is also immutable.

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

| **Constructor Summary** | |
| --- | --- |
| [**TabSet**](http://docs.google.com/javax/swing/text/TabSet.html#TabSet(javax.swing.text.TabStop%5B%5D))([TabStop](http://docs.google.com/javax/swing/text/TabStop.html)[] tabs)            Creates and returns an instance of TabSet. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/swing/text/TabSet.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) o)            Indicates whether this TabSet is equal to another one. |
| [TabStop](http://docs.google.com/javax/swing/text/TabStop.html) | [**getTab**](http://docs.google.com/javax/swing/text/TabSet.html#getTab(int))(int index)            Returns the TabStop at index index. |
| [TabStop](http://docs.google.com/javax/swing/text/TabStop.html) | [**getTabAfter**](http://docs.google.com/javax/swing/text/TabSet.html#getTabAfter(float))(float location)            Returns the Tab instance after location. |
| int | [**getTabCount**](http://docs.google.com/javax/swing/text/TabSet.html#getTabCount())()            Returns the number of Tab instances the receiver contains. |
| int | [**getTabIndex**](http://docs.google.com/javax/swing/text/TabSet.html#getTabIndex(javax.swing.text.TabStop))([TabStop](http://docs.google.com/javax/swing/text/TabStop.html) tab) |
| int | [**getTabIndexAfter**](http://docs.google.com/javax/swing/text/TabSet.html#getTabIndexAfter(float))(float location)            Returns the index of the Tab to be used after location. |
| int | [**hashCode**](http://docs.google.com/javax/swing/text/TabSet.html#hashCode())()            Returns a hashcode for this set of TabStops. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/swing/text/TabSet.html#toString())()            Returns the string representation of the set of tabs. |

| **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** |
| --- |

### TabSet

public **TabSet**([TabStop](http://docs.google.com/javax/swing/text/TabStop.html)[] tabs)

Creates and returns an instance of TabSet. The array of Tabs passed in must be sorted in ascending order.

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

### getTabCount

public int **getTabCount**()

Returns the number of Tab instances the receiver contains.

### getTab

public [TabStop](http://docs.google.com/javax/swing/text/TabStop.html) **getTab**(int index)

Returns the TabStop at index index. This will throw an IllegalArgumentException if index is outside the range of tabs.

### getTabAfter

public [TabStop](http://docs.google.com/javax/swing/text/TabStop.html) **getTabAfter**(float location)

Returns the Tab instance after location. This will return null if there are no tabs after location.

### getTabIndex

public int **getTabIndex**([TabStop](http://docs.google.com/javax/swing/text/TabStop.html) tab)

**Returns:**the index of the TabStop tab, or -1 if tab is not contained in the receiver.

### getTabIndexAfter

public int **getTabIndexAfter**(float location)

Returns the index of the Tab to be used after location. This will return -1 if there are no tabs after location.

### equals

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

Indicates whether this TabSet is equal to another one.

**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:**o - the TabSet instance which this instance should be compared to. **Returns:**true if o is the instance of TabSet, has the same number of TabStops and they are all equal, false otherwise.**Since:** 1.5 **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 hashcode for this set of TabStops.

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hashcode value for this set of TabStops.**Since:** 1.5 **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**()

Returns the string representation of the set of tabs.

**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 the 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/TabSet.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/swing/text/TableView.TableRow.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/TabStop.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/TabSet.html)    [**NO FRAMES**](http://docs.google.com/TabSet.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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