| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JTextComponent.AccessibleJTextComponent.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/JTextComponent.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/JTextComponent.DropLocation.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/JTextComponent.AccessibleJTextComponent.html)    [**NO FRAMES**](http://docs.google.com/JTextComponent.AccessibleJTextComponent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#1t3h5sf) | [CONSTR](#lnxbz9) | [METHOD](#35nkun2) | DETAIL: FIELD | [CONSTR](#4i7ojhp) | [METHOD](#1ci93xb) |

## **javax.swing.text**

Class JTextComponent.AccessibleJTextComponent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.accessibility.AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html)  
 [java.awt.Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html)  
 [java.awt.Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html)  
 [javax.swing.JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html)  
 **javax.swing.text.JTextComponent.AccessibleJTextComponent**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [EventListener](http://docs.google.com/java/util/EventListener.html), [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html), [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html), [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html), [AccessibleExtendedComponent](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html), [AccessibleExtendedText](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html), [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html), [CaretListener](http://docs.google.com/javax/swing/event/CaretListener.html), [DocumentListener](http://docs.google.com/javax/swing/event/DocumentListener.html) **Direct Known Subclasses:** [JEditorPane.AccessibleJEditorPane](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPane.html), [JTextArea.AccessibleJTextArea](http://docs.google.com/javax/swing/JTextArea.AccessibleJTextArea.html), [JTextField.AccessibleJTextField](http://docs.google.com/javax/swing/JTextField.AccessibleJTextField.html) **Enclosing class:**[JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html)

public class **JTextComponent.AccessibleJTextComponent**extends [JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html)implements [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html), [CaretListener](http://docs.google.com/javax/swing/event/CaretListener.html), [DocumentListener](http://docs.google.com/javax/swing/event/DocumentListener.html), [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html), [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html), [AccessibleExtendedText](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html)

This class implements accessibility support for the JTextComponent class. It provides an implementation of the Java Accessibility API appropriate to menu user-interface elements.

**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).

| **Nested Class Summary** | |
| --- | --- |

| **Nested classes/interfaces inherited from class javax.swing.**[**JComponent.AccessibleJComponent**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) |
| --- |
| [JComponent.AccessibleJComponent.AccessibleContainerHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleContainerHandler.html), [JComponent.AccessibleJComponent.AccessibleFocusHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleFocusHandler.html) |

| **Nested classes/interfaces inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
| --- |
| [Component.AccessibleAWTComponent.AccessibleAWTComponentHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.AccessibleAWTComponentHandler.html), [Component.AccessibleAWTComponent.AccessibleAWTFocusHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.AccessibleAWTFocusHandler.html) |

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.swing.**[**JComponent.AccessibleJComponent**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) |
| --- |
| [accessibleContainerHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#accessibleContainerHandler), [accessibleFocusHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#accessibleFocusHandler) |

| **Fields inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
| --- |
| [accessibleAWTComponentHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#accessibleAWTComponentHandler), [accessibleAWTFocusHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#accessibleAWTFocusHandler) |

| **Fields inherited from class javax.accessibility.**[**AccessibleContext**](http://docs.google.com/javax/accessibility/AccessibleContext.html) |
| --- |
| [ACCESSIBLE\_ACTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_ACTION_PROPERTY), [ACCESSIBLE\_ACTIVE\_DESCENDANT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_ACTIVE_DESCENDANT_PROPERTY), [ACCESSIBLE\_CARET\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_CARET_PROPERTY), [ACCESSIBLE\_CHILD\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_CHILD_PROPERTY), [ACCESSIBLE\_COMPONENT\_BOUNDS\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_COMPONENT_BOUNDS_CHANGED), [ACCESSIBLE\_DESCRIPTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_DESCRIPTION_PROPERTY), [ACCESSIBLE\_HYPERTEXT\_OFFSET](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_HYPERTEXT_OFFSET), [ACCESSIBLE\_INVALIDATE\_CHILDREN](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_INVALIDATE_CHILDREN), [ACCESSIBLE\_NAME\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_NAME_PROPERTY), [ACCESSIBLE\_SELECTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_SELECTION_PROPERTY), [ACCESSIBLE\_STATE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_STATE_PROPERTY), [ACCESSIBLE\_TABLE\_CAPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_CAPTION_CHANGED), [ACCESSIBLE\_TABLE\_COLUMN\_DESCRIPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_COLUMN_DESCRIPTION_CHANGED), [ACCESSIBLE\_TABLE\_COLUMN\_HEADER\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_COLUMN_HEADER_CHANGED), [ACCESSIBLE\_TABLE\_MODEL\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_MODEL_CHANGED), [ACCESSIBLE\_TABLE\_ROW\_DESCRIPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_ROW_DESCRIPTION_CHANGED), [ACCESSIBLE\_TABLE\_ROW\_HEADER\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_ROW_HEADER_CHANGED), [ACCESSIBLE\_TABLE\_SUMMARY\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_SUMMARY_CHANGED), [ACCESSIBLE\_TEXT\_ATTRIBUTES\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_ATTRIBUTES_CHANGED), [ACCESSIBLE\_TEXT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_PROPERTY), [ACCESSIBLE\_VALUE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VALUE_PROPERTY), [ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VISIBLE_DATA_PROPERTY), [accessibleDescription](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleDescription), [accessibleName](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleName), [accessibleParent](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleParent) |

| **Fields inherited from interface javax.accessibility.**[**AccessibleAction**](http://docs.google.com/javax/accessibility/AccessibleAction.html) |
| --- |
| [CLICK](http://docs.google.com/javax/accessibility/AccessibleAction.html#CLICK), [DECREMENT](http://docs.google.com/javax/accessibility/AccessibleAction.html#DECREMENT), [INCREMENT](http://docs.google.com/javax/accessibility/AccessibleAction.html#INCREMENT), [TOGGLE\_EXPAND](http://docs.google.com/javax/accessibility/AccessibleAction.html#TOGGLE_EXPAND), [TOGGLE\_POPUP](http://docs.google.com/javax/accessibility/AccessibleAction.html#TOGGLE_POPUP) |

| **Fields inherited from interface javax.accessibility.**[**AccessibleText**](http://docs.google.com/javax/accessibility/AccessibleText.html) |
| --- |
| [CHARACTER](http://docs.google.com/javax/accessibility/AccessibleText.html#CHARACTER), [SENTENCE](http://docs.google.com/javax/accessibility/AccessibleText.html#SENTENCE), [WORD](http://docs.google.com/javax/accessibility/AccessibleText.html#WORD) |

| **Fields inherited from interface javax.accessibility.**[**AccessibleExtendedText**](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html) |
| --- |
| [ATTRIBUTE\_RUN](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#ATTRIBUTE_RUN), [LINE](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#LINE) |

| **Constructor Summary** | |
| --- | --- |
| [**JTextComponent.AccessibleJTextComponent**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#JTextComponent.AccessibleJTextComponent())()            Constructs an AccessibleJTextComponent. |

| **Method Summary** | |
| --- | --- |
| void | [**caretUpdate**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#caretUpdate(javax.swing.event.CaretEvent))([CaretEvent](http://docs.google.com/javax/swing/event/CaretEvent.html) e)            Handles caret updates (fire appropriate property change event, which are AccessibleContext.ACCESSIBLE\_CARET\_PROPERTY and AccessibleContext.ACCESSIBLE\_SELECTION\_PROPERTY). |
| void | [**changedUpdate**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#changedUpdate(javax.swing.event.DocumentEvent))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e)            Handles document remove (fire appropriate property change event, which is AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY). |
| void | [**cut**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#cut(int,%20int))(int startIndex, int endIndex)            Cuts the text between two indices into the system clipboard. |
| void | [**delete**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#delete(int,%20int))(int startIndex, int endIndex)            Deletes the text between two indices |
| boolean | [**doAccessibleAction**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#doAccessibleAction(int))(int i)            Performs the specified Action on the object |
| [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) | [**getAccessibleAction**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleAction())()            Gets the AccessibleAction associated with this object that supports one or more actions. |
| int | [**getAccessibleActionCount**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleActionCount())()            Returns the number of accessible actions available in this object If there are more than one, the first one is considered the "default" action of the object. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleActionDescription**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleActionDescription(int))(int i)            Returns a description of the specified action of the object. |
| [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) | [**getAccessibleEditableText**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleEditableText())()            Returns the AccessibleEditableText interface for this text component. |
| [AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) | [**getAccessibleRole**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleRole())()            Gets the role of this object. |
| [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html) | [**getAccessibleStateSet**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleStateSet())()            Gets the state set of the JTextComponent. |
| [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) | [**getAccessibleText**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleText())()            Get the AccessibleText associated with this object. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAfterIndex**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAfterIndex(int,%20int))(int part, int index)            Returns the String after a given index. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAtIndex**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAtIndex(int,%20int))(int part, int index)            Returns the String at a given index. |
| [String](http://docs.google.com/java/lang/String.html) | [**getBeforeIndex**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getBeforeIndex(int,%20int))(int part, int index)            Returns the String before a given index. |
| int | [**getCaretPosition**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getCaretPosition())()            Returns the zero-based offset of the caret. |
| [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) | [**getCharacterAttribute**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getCharacterAttribute(int))(int i)            Returns the AttributeSet for a given character (at a given index). |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | [**getCharacterBounds**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getCharacterBounds(int))(int i)            Determines the bounding box of the character at the given index into the string. |
| int | [**getCharCount**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getCharCount())()            Returns the number of characters (valid indices) |
| int | [**getIndexAtPoint**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getIndexAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Given a point in local coordinates, return the zero-based index of the character under that Point. |
| [String](http://docs.google.com/java/lang/String.html) | [**getSelectedText**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getSelectedText())()            Returns the portion of the text that is selected. |
| int | [**getSelectionEnd**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getSelectionEnd())()            Returns the end offset within the selected text. |
| int | [**getSelectionStart**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getSelectionStart())()            Returns the start offset within the selected text. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | [**getTextBounds**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getTextBounds(int,%20int))(int startIndex, int endIndex)            Returns the Rectangle enclosing the text between two indicies. |
| [String](http://docs.google.com/java/lang/String.html) | [**getTextRange**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getTextRange(int,%20int))(int startIndex, int endIndex)            Returns the text string between two indices. |
| [AccessibleTextSequence](http://docs.google.com/javax/accessibility/AccessibleTextSequence.html) | [**getTextSequenceAfter**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getTextSequenceAfter(int,%20int))(int part, int index)            Returns the AccessibleTextSequence after a given index. |
| [AccessibleTextSequence](http://docs.google.com/javax/accessibility/AccessibleTextSequence.html) | [**getTextSequenceAt**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getTextSequenceAt(int,%20int))(int part, int index)            Returns the AccessibleTextSequence at a given index. |
| [AccessibleTextSequence](http://docs.google.com/javax/accessibility/AccessibleTextSequence.html) | [**getTextSequenceBefore**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getTextSequenceBefore(int,%20int))(int part, int index)            Returns the AccessibleTextSequence before a given index. |
| void | [**insertTextAtIndex**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#insertTextAtIndex(int,%20java.lang.String))(int index, [String](http://docs.google.com/java/lang/String.html) s)            Inserts the specified string at the given index |
| void | [**insertUpdate**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#insertUpdate(javax.swing.event.DocumentEvent))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e)            Handles document insert (fire appropriate property change event which is AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY). |
| void | [**paste**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#paste(int))(int startIndex)            Pastes the text from the system clipboard into the text starting at the specified index. |
| void | [**removeUpdate**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#removeUpdate(javax.swing.event.DocumentEvent))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e)            Handles document remove (fire appropriate property change event, which is AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY). |
| void | [**replaceText**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#replaceText(int,%20int,%20java.lang.String))(int startIndex, int endIndex, [String](http://docs.google.com/java/lang/String.html) s)            Replaces the text between two indices with the specified string. |
| void | [**selectText**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#selectText(int,%20int))(int startIndex, int endIndex)            Selects the text between two indices. |
| void | [**setAttributes**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#setAttributes(int,%20int,%20javax.swing.text.AttributeSet))(int startIndex, int endIndex, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) as)            Sets attributes for the text between two indices. |
| void | [**setTextContents**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#setTextContents(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Sets the text contents to the specified string. |

| **Methods inherited from class javax.swing.**[**JComponent.AccessibleJComponent**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) |
| --- |
| [addPropertyChangeListener](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [getAccessibleChild](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleChild(int)), [getAccessibleChildrenCount](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleChildrenCount()), [getAccessibleDescription](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleDescription()), [getAccessibleKeyBinding](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleKeyBinding()), [getAccessibleName](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleName()), [getBorderTitle](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getBorderTitle(javax.swing.border.Border)), [getTitledBorderText](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getTitledBorderText()), [getToolTipText](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getToolTipText()), [removePropertyChangeListener](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) |

| **Methods inherited from class java.awt.**[**Container.AccessibleAWTContainer**](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html) |
| --- |
| [getAccessibleAt](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html#getAccessibleAt(java.awt.Point)) |

| **Methods inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
| --- |
| [addFocusListener](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#addFocusListener(java.awt.event.FocusListener)), [contains](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#contains(java.awt.Point)), [getAccessibleComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleComponent()), [getAccessibleIndexInParent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleIndexInParent()), [getAccessibleParent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleParent()), [getBackground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getBackground()), [getBounds](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getBounds()), [getCursor](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getCursor()), [getFont](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getFont()), [getFontMetrics](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getFontMetrics(java.awt.Font)), [getForeground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getForeground()), [getLocale](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocale()), [getLocation](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocation()), [getLocationOnScreen](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocationOnScreen()), [getSize](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getSize()), [isEnabled](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isEnabled()), [isFocusTraversable](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isFocusTraversable()), [isShowing](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isShowing()), [isVisible](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isVisible()), [removeFocusListener](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#removeFocusListener(java.awt.event.FocusListener)), [requestFocus](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#requestFocus()), [setBackground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setBackground(java.awt.Color)), [setBounds](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setBounds(java.awt.Rectangle)), [setCursor](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setCursor(java.awt.Cursor)), [setEnabled](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setEnabled(boolean)), [setFont](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setFont(java.awt.Font)), [setForeground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setForeground(java.awt.Color)), [setLocation](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setLocation(java.awt.Point)), [setSize](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setSize(java.awt.Dimension)), [setVisible](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setVisible(boolean)) |

| **Methods inherited from class javax.accessibility.**[**AccessibleContext**](http://docs.google.com/javax/accessibility/AccessibleContext.html) |
| --- |
| [firePropertyChange](http://docs.google.com/javax/accessibility/AccessibleContext.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [getAccessibleIcon](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleIcon()), [getAccessibleRelationSet](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleRelationSet()), [getAccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleSelection()), [getAccessibleTable](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleTable()), [getAccessibleValue](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleValue()), [setAccessibleDescription](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String)), [setAccessibleName](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String)), [setAccessibleParent](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleParent(javax.accessibility.Accessible)) |

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

| **Methods inherited from interface javax.accessibility.**[**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html) |
| --- |
| [addFocusListener](http://docs.google.com/javax/accessibility/AccessibleComponent.html#addFocusListener(java.awt.event.FocusListener)), [contains](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point)), [getAccessibleAt](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getAccessibleAt(java.awt.Point)), [getBackground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBackground()), [getBounds](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()), [getCursor](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getCursor()), [getFont](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont()), [getFontMetrics](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFontMetrics(java.awt.Font)), [getForeground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getForeground()), [getLocation](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation()), [getLocationOnScreen](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen()), [getSize](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize()), [isEnabled](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isEnabled()), [isFocusTraversable](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isFocusTraversable()), [isShowing](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isShowing()), [isVisible](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isVisible()), [removeFocusListener](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener)), [requestFocus](http://docs.google.com/javax/accessibility/AccessibleComponent.html#requestFocus()), [setBackground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color)), [setBounds](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBounds(java.awt.Rectangle)), [setCursor](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setCursor(java.awt.Cursor)), [setEnabled](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setEnabled(boolean)), [setFont](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setFont(java.awt.Font)), [setForeground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setForeground(java.awt.Color)), [setLocation](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setLocation(java.awt.Point)), [setSize](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension)), [setVisible](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setVisible(boolean)) |

| **Constructor Detail** |
| --- |

### JTextComponent.AccessibleJTextComponent

public **JTextComponent.AccessibleJTextComponent**()

Constructs an AccessibleJTextComponent. Adds a listener to track caret change.

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

### caretUpdate

public void **caretUpdate**([CaretEvent](http://docs.google.com/javax/swing/event/CaretEvent.html) e)

Handles caret updates (fire appropriate property change event, which are AccessibleContext.ACCESSIBLE\_CARET\_PROPERTY and AccessibleContext.ACCESSIBLE\_SELECTION\_PROPERTY). This keeps track of the dot position internally. When the caret moves, the internal position is updated after firing the event.

**Specified by:**[caretUpdate](http://docs.google.com/javax/swing/event/CaretListener.html#caretUpdate(javax.swing.event.CaretEvent)) in interface [CaretListener](http://docs.google.com/javax/swing/event/CaretListener.html) **Parameters:**e - the CaretEvent

### insertUpdate

public void **insertUpdate**([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e)

Handles document insert (fire appropriate property change event which is AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY). This tracks the changed offset via the event.

**Specified by:**[insertUpdate](http://docs.google.com/javax/swing/event/DocumentListener.html#insertUpdate(javax.swing.event.DocumentEvent)) in interface [DocumentListener](http://docs.google.com/javax/swing/event/DocumentListener.html) **Parameters:**e - the DocumentEvent

### removeUpdate

public void **removeUpdate**([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e)

Handles document remove (fire appropriate property change event, which is AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY). This tracks the changed offset via the event.

**Specified by:**[removeUpdate](http://docs.google.com/javax/swing/event/DocumentListener.html#removeUpdate(javax.swing.event.DocumentEvent)) in interface [DocumentListener](http://docs.google.com/javax/swing/event/DocumentListener.html) **Parameters:**e - the DocumentEvent

### changedUpdate

public void **changedUpdate**([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e)

Handles document remove (fire appropriate property change event, which is AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY). This tracks the changed offset via the event.

**Specified by:**[changedUpdate](http://docs.google.com/javax/swing/event/DocumentListener.html#changedUpdate(javax.swing.event.DocumentEvent)) in interface [DocumentListener](http://docs.google.com/javax/swing/event/DocumentListener.html) **Parameters:**e - the DocumentEvent

### getAccessibleStateSet

public [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html) **getAccessibleStateSet**()

Gets the state set of the JTextComponent. The AccessibleStateSet of an object is composed of a set of unique AccessibleState's. A change in the AccessibleStateSet of an object will cause a PropertyChangeEvent to be fired for the AccessibleContext.ACCESSIBLE\_STATE\_PROPERTY property.

**Overrides:**[getAccessibleStateSet](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleStateSet()) in class [JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) **Returns:**an instance of AccessibleStateSet containing the current state set of the object**See Also:**[AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html), [AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html), [JComponent.AccessibleJComponent.addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#addPropertyChangeListener(java.beans.PropertyChangeListener))

### getAccessibleRole

public [AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) **getAccessibleRole**()

Gets the role of this object.

**Overrides:**[getAccessibleRole](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleRole()) in class [JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) **Returns:**an instance of AccessibleRole describing the role of the object (AccessibleRole.TEXT)**See Also:**[AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html)

### getAccessibleText

public [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **getAccessibleText**()

Get the AccessibleText associated with this object. In the implementation of the Java Accessibility API for this class, return this object, which is responsible for implementing the AccessibleText interface on behalf of itself.

**Overrides:**[getAccessibleText](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**this object**See Also:**[AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html)

### getIndexAtPoint

public int **getIndexAtPoint**([Point](http://docs.google.com/java/awt/Point.html) p)

Given a point in local coordinates, return the zero-based index of the character under that Point. If the point is invalid, this method returns -1.

**Specified by:**[getIndexAtPoint](http://docs.google.com/javax/accessibility/AccessibleText.html#getIndexAtPoint(java.awt.Point)) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Parameters:**p - the Point in local coordinates **Returns:**the zero-based index of the character under Point p.

### getCharacterBounds

public [Rectangle](http://docs.google.com/java/awt/Rectangle.html) **getCharacterBounds**(int i)

Determines the bounding box of the character at the given index into the string. The bounds are returned in local coordinates. If the index is invalid a null rectangle is returned. The screen coordinates returned are "unscrolled coordinates" if the JTextComponent is contained in a JScrollPane in which case the resulting rectangle should be composed with the parent coordinates. A good algorithm to use is: Accessible a: AccessibleText at = a.getAccessibleText(); AccessibleComponent ac = a.getAccessibleComponent(); Rectangle r = at.getCharacterBounds(); Point p = ac.getLocation(); r.x += p.x; r.y += p.y; Note: the JTextComponent must have a valid size (e.g. have been added to a parent container whose ancestor container is a valid top-level window) for this method to be able to return a meaningful (non-null) value.

**Specified by:**[getCharacterBounds](http://docs.google.com/javax/accessibility/AccessibleText.html#getCharacterBounds(int)) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Parameters:**i - the index into the String >= 0 **Returns:**the screen coordinates of the character's bounding box

### getCharCount

public int **getCharCount**()

Returns the number of characters (valid indices)

**Specified by:**[getCharCount](http://docs.google.com/javax/accessibility/AccessibleText.html#getCharCount()) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Returns:**the number of characters >= 0

### getCaretPosition

public int **getCaretPosition**()

Returns the zero-based offset of the caret. Note: The character to the right of the caret will have the same index value as the offset (the caret is between two characters).

**Specified by:**[getCaretPosition](http://docs.google.com/javax/accessibility/AccessibleText.html#getCaretPosition()) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Returns:**the zero-based offset of the caret.

### getCharacterAttribute

public [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **getCharacterAttribute**(int i)

Returns the AttributeSet for a given character (at a given index).

**Specified by:**[getCharacterAttribute](http://docs.google.com/javax/accessibility/AccessibleText.html#getCharacterAttribute(int)) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Parameters:**i - the zero-based index into the text **Returns:**the AttributeSet of the character

### getSelectionStart

public int **getSelectionStart**()

Returns the start offset within the selected text. If there is no selection, but there is a caret, the start and end offsets will be the same. Return 0 if the text is empty, or the caret position if no selection.

**Specified by:**[getSelectionStart](http://docs.google.com/javax/accessibility/AccessibleText.html#getSelectionStart()) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Returns:**the index into the text of the start of the selection >= 0

### getSelectionEnd

public int **getSelectionEnd**()

Returns the end offset within the selected text. If there is no selection, but there is a caret, the start and end offsets will be the same. Return 0 if the text is empty, or the caret position if no selection.

**Specified by:**[getSelectionEnd](http://docs.google.com/javax/accessibility/AccessibleText.html#getSelectionEnd()) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Returns:**the index into teh text of the end of the selection >= 0

### getSelectedText

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

Returns the portion of the text that is selected.

**Specified by:**[getSelectedText](http://docs.google.com/javax/accessibility/AccessibleText.html#getSelectedText()) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Returns:**the text, null if no selection

### getAtIndex

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

Returns the String at a given index. Whitespace between words is treated as a word.

**Specified by:**[getAtIndex](http://docs.google.com/javax/accessibility/AccessibleText.html#getAtIndex(int,%20int)) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Parameters:**part - the CHARACTER, WORD, or SENTENCE to retrieveindex - an index within the text **Returns:**the letter, word, or sentence.

### getAfterIndex

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

Returns the String after a given index. Whitespace between words is treated as a word.

**Specified by:**[getAfterIndex](http://docs.google.com/javax/accessibility/AccessibleText.html#getAfterIndex(int,%20int)) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Parameters:**part - the CHARACTER, WORD, or SENTENCE to retrieveindex - an index within the text **Returns:**the letter, word, or sentence.

### getBeforeIndex

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

Returns the String before a given index. Whitespace between words is treated a word.

**Specified by:**[getBeforeIndex](http://docs.google.com/javax/accessibility/AccessibleText.html#getBeforeIndex(int,%20int)) in interface [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **Parameters:**part - the CHARACTER, WORD, or SENTENCE to retrieveindex - an index within the text **Returns:**the letter, word, or sentence.

### getAccessibleEditableText

public [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **getAccessibleEditableText**()

Returns the AccessibleEditableText interface for this text component.

**Overrides:**[getAccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleEditableText()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the AccessibleEditableText interface**Since:** 1.4 **See Also:**[AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html)

### setTextContents

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

Sets the text contents to the specified string.

**Specified by:**[setTextContents](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#setTextContents(java.lang.String)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **Parameters:**s - the string to set the text contents**Since:** 1.4

### insertTextAtIndex

public void **insertTextAtIndex**(int index,  
 [String](http://docs.google.com/java/lang/String.html) s)

Inserts the specified string at the given index

**Specified by:**[insertTextAtIndex](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#insertTextAtIndex(int,%20java.lang.String)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **Parameters:**index - the index in the text where the string will be inserteds - the string to insert in the text**Since:** 1.4

### getTextRange

public [String](http://docs.google.com/java/lang/String.html) **getTextRange**(int startIndex,  
 int endIndex)

Returns the text string between two indices.

**Specified by:**[getTextRange](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#getTextRange(int,%20int)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html)**Specified by:**[getTextRange](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#getTextRange(int,%20int)) in interface [AccessibleExtendedText](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html) **Parameters:**startIndex - the starting index in the textendIndex - the ending index in the text **Returns:**the text string between the indices**Since:** 1.4

### delete

public void **delete**(int startIndex,  
 int endIndex)

Deletes the text between two indices

**Specified by:**[delete](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#delete(int,%20int)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **Parameters:**startIndex - the starting index in the textendIndex - the ending index in the text**Since:** 1.4

### cut

public void **cut**(int startIndex,  
 int endIndex)

Cuts the text between two indices into the system clipboard.

**Specified by:**[cut](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#cut(int,%20int)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **Parameters:**startIndex - the starting index in the textendIndex - the ending index in the text**Since:** 1.4

### paste

public void **paste**(int startIndex)

Pastes the text from the system clipboard into the text starting at the specified index.

**Specified by:**[paste](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#paste(int)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **Parameters:**startIndex - the starting index in the text**Since:** 1.4

### replaceText

public void **replaceText**(int startIndex,  
 int endIndex,  
 [String](http://docs.google.com/java/lang/String.html) s)

Replaces the text between two indices with the specified string.

**Specified by:**[replaceText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#replaceText(int,%20int,%20java.lang.String)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **Parameters:**startIndex - the starting index in the textendIndex - the ending index in the texts - the string to replace the text between two indices**Since:** 1.4

### selectText

public void **selectText**(int startIndex,  
 int endIndex)

Selects the text between two indices.

**Specified by:**[selectText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#selectText(int,%20int)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **Parameters:**startIndex - the starting index in the textendIndex - the ending index in the text**Since:** 1.4

### setAttributes

public void **setAttributes**(int startIndex,  
 int endIndex,  
 [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) as)

Sets attributes for the text between two indices.

**Specified by:**[setAttributes](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#setAttributes(int,%20int,%20javax.swing.text.AttributeSet)) in interface [AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) **Parameters:**startIndex - the starting index in the textendIndex - the ending index in the textas - the attribute set**Since:** 1.4 **See Also:**[AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html)

### getTextSequenceAt

public [AccessibleTextSequence](http://docs.google.com/javax/accessibility/AccessibleTextSequence.html) **getTextSequenceAt**(int part,  
 int index)

Returns the AccessibleTextSequence at a given index.

**Specified by:**[getTextSequenceAt](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#getTextSequenceAt(int,%20int)) in interface [AccessibleExtendedText](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html) **Parameters:**part - the CHARACTER, WORD, SENTENCE, LINE or ATTRIBUTE\_RUN to retrieveindex - an index within the text **Returns:**an AccessibleTextSequence specifying the text if part and index are valid. Otherwise, null is returned**Since:** 1.6 **See Also:**[AccessibleText.CHARACTER](http://docs.google.com/javax/accessibility/AccessibleText.html#CHARACTER), [AccessibleText.WORD](http://docs.google.com/javax/accessibility/AccessibleText.html#WORD), [AccessibleText.SENTENCE](http://docs.google.com/javax/accessibility/AccessibleText.html#SENTENCE), [AccessibleExtendedText.LINE](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#LINE), [AccessibleExtendedText.ATTRIBUTE\_RUN](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#ATTRIBUTE_RUN)

### getTextSequenceAfter

public [AccessibleTextSequence](http://docs.google.com/javax/accessibility/AccessibleTextSequence.html) **getTextSequenceAfter**(int part,  
 int index)

Returns the AccessibleTextSequence after a given index.

**Specified by:**[getTextSequenceAfter](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#getTextSequenceAfter(int,%20int)) in interface [AccessibleExtendedText](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html) **Parameters:**part - the CHARACTER, WORD, SENTENCE, LINE or ATTRIBUTE\_RUN to retrieveindex - an index within the text **Returns:**an AccessibleTextSequence specifying the text if part and index are valid. Otherwise, null is returned**Since:** 1.6 **See Also:**[AccessibleText.CHARACTER](http://docs.google.com/javax/accessibility/AccessibleText.html#CHARACTER), [AccessibleText.WORD](http://docs.google.com/javax/accessibility/AccessibleText.html#WORD), [AccessibleText.SENTENCE](http://docs.google.com/javax/accessibility/AccessibleText.html#SENTENCE), [AccessibleExtendedText.LINE](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#LINE), [AccessibleExtendedText.ATTRIBUTE\_RUN](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#ATTRIBUTE_RUN)

### getTextSequenceBefore

public [AccessibleTextSequence](http://docs.google.com/javax/accessibility/AccessibleTextSequence.html) **getTextSequenceBefore**(int part,  
 int index)

Returns the AccessibleTextSequence before a given index.

**Specified by:**[getTextSequenceBefore](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#getTextSequenceBefore(int,%20int)) in interface [AccessibleExtendedText](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html) **Parameters:**part - the CHARACTER, WORD, SENTENCE, LINE or ATTRIBUTE\_RUN to retrieveindex - an index within the text **Returns:**an AccessibleTextSequence specifying the text if part and index are valid. Otherwise, null is returned**Since:** 1.6 **See Also:**[AccessibleText.CHARACTER](http://docs.google.com/javax/accessibility/AccessibleText.html#CHARACTER), [AccessibleText.WORD](http://docs.google.com/javax/accessibility/AccessibleText.html#WORD), [AccessibleText.SENTENCE](http://docs.google.com/javax/accessibility/AccessibleText.html#SENTENCE), [AccessibleExtendedText.LINE](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#LINE), [AccessibleExtendedText.ATTRIBUTE\_RUN](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#ATTRIBUTE_RUN)

### getTextBounds

public [Rectangle](http://docs.google.com/java/awt/Rectangle.html) **getTextBounds**(int startIndex,  
 int endIndex)

Returns the Rectangle enclosing the text between two indicies.

**Specified by:**[getTextBounds](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#getTextBounds(int,%20int)) in interface [AccessibleExtendedText](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html) **Parameters:**startIndex - the start index in the textendIndex - the end index in the text **Returns:**the bounding rectangle of the text if the indices are valid. Otherwise, null is returned**Since:** 1.6

### getAccessibleAction

public [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **getAccessibleAction**()

**Description copied from class:** [**AccessibleContext**](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleAction()) Gets the AccessibleAction associated with this object that supports one or more actions.

**Overrides:**[getAccessibleAction](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleAction()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**AccessibleAction if supported by object; else return null**See Also:**[AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html)

### getAccessibleActionCount

public int **getAccessibleActionCount**()

Returns the number of accessible actions available in this object If there are more than one, the first one is considered the "default" action of the object.

**Specified by:**[getAccessibleActionCount](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionCount()) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Returns:**the zero-based number of Actions in this object**Since:** 1.4

### getAccessibleActionDescription

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

Returns a description of the specified action of the object.

**Specified by:**[getAccessibleActionDescription](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionDescription(int)) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Parameters:**i - zero-based index of the actions **Returns:**a String description of the action**Since:** 1.4 **See Also:**[getAccessibleActionCount()](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleActionCount())

### doAccessibleAction

public boolean **doAccessibleAction**(int i)

Performs the specified Action on the object

**Specified by:**[doAccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html#doAccessibleAction(int)) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Parameters:**i - zero-based index of actions **Returns:**true if the action was performed; otherwise false.**Since:** 1.4 **See Also:**[getAccessibleActionCount()](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getAccessibleActionCount())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JTextComponent.AccessibleJTextComponent.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/JTextComponent.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/JTextComponent.DropLocation.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/JTextComponent.AccessibleJTextComponent.html)    [**NO FRAMES**](http://docs.google.com/JTextComponent.AccessibleJTextComponent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#1t3h5sf) | [CONSTR](#lnxbz9) | [METHOD](#35nkun2) | DETAIL: FIELD | [CONSTR](#4i7ojhp) | [METHOD](#1ci93xb) |

[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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