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

## **javax.accessibility**

Interface AccessibleExtendedText

**All Known Implementing Classes:** [JEditorPane.AccessibleJEditorPane](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPane.html), [JEditorPane.AccessibleJEditorPaneHTML](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPaneHTML.html), [JEditorPane.JEditorPaneAccessibleHypertextSupport](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.html), [JPasswordField.AccessibleJPasswordField](http://docs.google.com/javax/swing/JPasswordField.AccessibleJPasswordField.html), [JTextArea.AccessibleJTextArea](http://docs.google.com/javax/swing/JTextArea.AccessibleJTextArea.html), [JTextComponent.AccessibleJTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html), [JTextField.AccessibleJTextField](http://docs.google.com/javax/swing/JTextField.AccessibleJTextField.html)

public interface **AccessibleExtendedText**

The AccessibleExtendedText interface contains additional methods not provided by the AccessibleText interface Applications can determine if an object supports the AccessibleExtendedText interface by first obtaining its AccessibleContext (see [Accessible](http://docs.google.com/javax/accessibility/Accessible.html)) and then calling the [AccessibleContext.getAccessibleText()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()) method of AccessibleContext. If the return value is an instance of AccessibleExtendedText, the object supports this interface.

**Since:** 1.5 **See Also:**[Accessible](http://docs.google.com/javax/accessibility/Accessible.html), [Accessible.getAccessibleContext()](http://docs.google.com/javax/accessibility/Accessible.html#getAccessibleContext()), [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html), [AccessibleContext.getAccessibleText()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()), AccessibleText.AccessibleTextChunk

| **Field Summary** | |
| --- | --- |
| static int | [**ATTRIBUTE\_RUN**](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#ATTRIBUTE_RUN)            Constant used to indicate that the part of the text that should be retrieved is contiguous text with the same text attributes. |
| static int | [**LINE**](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#LINE)            Constant used to indicate that the part of the text that should be retrieved is a line of text. |

| **Method Summary** | |
| --- | --- |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | [**getTextBounds**](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#getTextBounds(int,%20int))(int startIndex, int endIndex)            Returns the bounding rectangle of the text between two indices. |
| [String](http://docs.google.com/java/lang/String.html) | [**getTextRange**](http://docs.google.com/javax/accessibility/AccessibleExtendedText.html#getTextRange(int,%20int))(int startIndex, int endIndex)            Returns the text between two indices |
| [AccessibleTextSequence](http://docs.google.com/javax/accessibility/AccessibleTextSequence.html) | [**getTextSequenceAfter**](http://docs.google.com/javax/accessibility/AccessibleExtendedText.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/accessibility/AccessibleExtendedText.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/accessibility/AccessibleExtendedText.html#getTextSequenceBefore(int,%20int))(int part, int index)            Returns the AccessibleTextSequence before a given index. |

| **Field Detail** |
| --- |

### LINE

static final int **LINE**

Constant used to indicate that the part of the text that should be retrieved is a line of text.

**See Also:**[AccessibleText.getAtIndex(int, int)](http://docs.google.com/javax/accessibility/AccessibleText.html#getAtIndex(int,%20int)), [AccessibleText.getAfterIndex(int, int)](http://docs.google.com/javax/accessibility/AccessibleText.html#getAfterIndex(int,%20int)), [AccessibleText.getBeforeIndex(int, int)](http://docs.google.com/javax/accessibility/AccessibleText.html#getBeforeIndex(int,%20int)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleExtendedText.LINE)

### ATTRIBUTE\_RUN

static final int **ATTRIBUTE\_RUN**

Constant used to indicate that the part of the text that should be retrieved is contiguous text with the same text attributes.

**See Also:**[AccessibleText.getAtIndex(int, int)](http://docs.google.com/javax/accessibility/AccessibleText.html#getAtIndex(int,%20int)), [AccessibleText.getAfterIndex(int, int)](http://docs.google.com/javax/accessibility/AccessibleText.html#getAfterIndex(int,%20int)), [AccessibleText.getBeforeIndex(int, int)](http://docs.google.com/javax/accessibility/AccessibleText.html#getBeforeIndex(int,%20int)), [Constant Field Values](http://docs.google.com/constant-values.html#javax.accessibility.AccessibleExtendedText.ATTRIBUTE_RUN)

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

### getTextRange

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

Returns the text between two indices

**Parameters:**startIndex - the start index in the textendIndex - the end index in the text **Returns:**the text string if the indices are valid. Otherwise, null is returned.

### getTextSequenceAt

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

Returns the AccessibleTextSequence at a given index.

**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.**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)

### getTextSequenceAfter

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

Returns the AccessibleTextSequence after a given index.

**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.**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)

### getTextSequenceBefore

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

Returns the AccessibleTextSequence before a given index.

**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.**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)

### getTextBounds

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

Returns the bounding rectangle of the text between two indices.

**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.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleExtendedText.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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| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#tyjcwt) | CONSTR | [METHOD](#4d34og8) |

[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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