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

## **javax.accessibility**

Interface AccessibleAction

**All Known Implementing Classes:** [AbstractButton.AccessibleAbstractButton](http://docs.google.com/javax/swing/AbstractButton.AccessibleAbstractButton.html), [AccessibleHyperlink](http://docs.google.com/javax/accessibility/AccessibleHyperlink.html), [Button.AccessibleAWTButton](http://docs.google.com/java/awt/Button.AccessibleAWTButton.html), [Checkbox.AccessibleAWTCheckbox](http://docs.google.com/java/awt/Checkbox.AccessibleAWTCheckbox.html), [CheckboxMenuItem.AccessibleAWTCheckboxMenuItem](http://docs.google.com/java/awt/CheckboxMenuItem.AccessibleAWTCheckboxMenuItem.html), [Choice.AccessibleAWTChoice](http://docs.google.com/java/awt/Choice.AccessibleAWTChoice.html), [JButton.AccessibleJButton](http://docs.google.com/javax/swing/JButton.AccessibleJButton.html), [JCheckBox.AccessibleJCheckBox](http://docs.google.com/javax/swing/JCheckBox.AccessibleJCheckBox.html), [JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem.html), [JComboBox.AccessibleJComboBox](http://docs.google.com/javax/swing/JComboBox.AccessibleJComboBox.html), [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), [JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink.html), [JMenu.AccessibleJMenu](http://docs.google.com/javax/swing/JMenu.AccessibleJMenu.html), [JMenuItem.AccessibleJMenuItem](http://docs.google.com/javax/swing/JMenuItem.AccessibleJMenuItem.html), [JPasswordField.AccessibleJPasswordField](http://docs.google.com/javax/swing/JPasswordField.AccessibleJPasswordField.html), [JRadioButton.AccessibleJRadioButton](http://docs.google.com/javax/swing/JRadioButton.AccessibleJRadioButton.html), [JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem.html), [JSpinner.AccessibleJSpinner](http://docs.google.com/javax/swing/JSpinner.AccessibleJSpinner.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), [JToggleButton.AccessibleJToggleButton](http://docs.google.com/javax/swing/JToggleButton.AccessibleJToggleButton.html), [JTree.AccessibleJTree.AccessibleJTreeNode](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html), [Menu.AccessibleAWTMenu](http://docs.google.com/java/awt/Menu.AccessibleAWTMenu.html), [MenuItem.AccessibleAWTMenuItem](http://docs.google.com/java/awt/MenuItem.AccessibleAWTMenuItem.html), [PopupMenu.AccessibleAWTPopupMenu](http://docs.google.com/java/awt/PopupMenu.AccessibleAWTPopupMenu.html)

public interface **AccessibleAction**

The AccessibleAction interface should be supported by any object that can perform one or more actions. This interface provides the standard mechanism for an assistive technology to determine what those actions are as well as tell the object to perform them. Any object that can be manipulated should support this interface. Applications can determine if an object supports the AccessibleAction interface by first obtaining its AccessibleContext (see [Accessible](http://docs.google.com/javax/accessibility/Accessible.html)) and then calling the [AccessibleContext.getAccessibleAction()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleAction()) method. If the return value is not null, the object supports this interface.

**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.getAccessibleAction()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleAction())

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**CLICK**](http://docs.google.com/javax/accessibility/AccessibleAction.html#CLICK)            An action which causes a component to execute its default action. |
| static [String](http://docs.google.com/java/lang/String.html) | [**DECREMENT**](http://docs.google.com/javax/accessibility/AccessibleAction.html#DECREMENT)            An action which decrements a value. |
| static [String](http://docs.google.com/java/lang/String.html) | [**INCREMENT**](http://docs.google.com/javax/accessibility/AccessibleAction.html#INCREMENT)            An action which increments a value. |
| static [String](http://docs.google.com/java/lang/String.html) | [**TOGGLE\_EXPAND**](http://docs.google.com/javax/accessibility/AccessibleAction.html#TOGGLE_EXPAND)            An action which causes a tree node to collapse if expanded and expand if collapsed. |
| static [String](http://docs.google.com/java/lang/String.html) | [**TOGGLE\_POPUP**](http://docs.google.com/javax/accessibility/AccessibleAction.html#TOGGLE_POPUP)            An action which causes a popup to become visible if it is hidden and hidden if it is visible. |

| **Method Summary** | |
| --- | --- |
| boolean | [**doAccessibleAction**](http://docs.google.com/javax/accessibility/AccessibleAction.html#doAccessibleAction(int))(int i)            Performs the specified Action on the object |
| int | [**getAccessibleActionCount**](http://docs.google.com/javax/accessibility/AccessibleAction.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/accessibility/AccessibleAction.html#getAccessibleActionDescription(int))(int i)            Returns a description of the specified action of the object. |

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

### TOGGLE\_EXPAND

static final [String](http://docs.google.com/java/lang/String.html) **TOGGLE\_EXPAND**

An action which causes a tree node to collapse if expanded and expand if collapsed.

**Since:** 1.5

### INCREMENT

static final [String](http://docs.google.com/java/lang/String.html) **INCREMENT**

An action which increments a value.

**Since:** 1.5

### DECREMENT

static final [String](http://docs.google.com/java/lang/String.html) **DECREMENT**

An action which decrements a value.

**Since:** 1.5

### CLICK

static final [String](http://docs.google.com/java/lang/String.html) **CLICK**

An action which causes a component to execute its default action.

**Since:** 1.6

### TOGGLE\_POPUP

static final [String](http://docs.google.com/java/lang/String.html) **TOGGLE\_POPUP**

An action which causes a popup to become visible if it is hidden and hidden if it is visible.

**Since:** 1.6

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

### getAccessibleActionCount

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.

**Returns:**the zero-based number of Actions in this object

### getAccessibleActionDescription

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

Returns a description of the specified action of the object.

**Parameters:**i - zero-based index of the actions **Returns:**a String description of the action**See Also:**[getAccessibleActionCount()](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionCount())

### doAccessibleAction

boolean **doAccessibleAction**(int i)

Performs the specified Action on the object

**Parameters:**i - zero-based index of actions **Returns:**true if the action was performed; otherwise false.**See Also:**[getAccessibleActionCount()](http://docs.google.com/javax/accessibility/AccessibleAction.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/AccessibleAction.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](#3rdcrjn) |

[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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