| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/Action.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing//class-useAction.html)    [**NO FRAMES**](http://docs.google.com/Action.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.swing.Action**

| Packages that use [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| [**javax.swing**](#3znysh7) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf.basic**](#2et92p0) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#tyjcwt) | Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel. |
| [**javax.swing.text**](#3dy6vkm) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#1t3h5sf) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |

| Uses of [Action](http://docs.google.com/javax/swing/Action.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Classes in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that implement [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| class | [**AbstractAction**](http://docs.google.com/javax/swing/AbstractAction.html)            This class provides default implementations for the JFC Action interface. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| [Action](http://docs.google.com/javax/swing/Action.html) | **ActionMap.**[**get**](http://docs.google.com/javax/swing/ActionMap.html#get(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) key)            Returns the binding for key, messaging the parent ActionMap if the binding is not locally defined. |
| [Action](http://docs.google.com/javax/swing/Action.html) | **JTextField.**[**getAction**](http://docs.google.com/javax/swing/JTextField.html#getAction())()            Returns the currently set Action for this ActionEvent source, or null if no Action is set. |
| [Action](http://docs.google.com/javax/swing/Action.html) | **JComboBox.**[**getAction**](http://docs.google.com/javax/swing/JComboBox.html#getAction())()            Returns the currently set Action for this ActionEvent source, or null if no Action is set. |
| [Action](http://docs.google.com/javax/swing/Action.html) | **AbstractButton.**[**getAction**](http://docs.google.com/javax/swing/AbstractButton.html#getAction())()            Returns the currently set Action for this ActionEvent source, or null if no Action is set. |
| [Action](http://docs.google.com/javax/swing/Action.html)[] | **JFormattedTextField.**[**getActions**](http://docs.google.com/javax/swing/JFormattedTextField.html#getActions())()            Fetches the command list for the editor. |
| protected  [Action](http://docs.google.com/javax/swing/Action.html)[] | **JFormattedTextField.AbstractFormatter.**[**getActions**](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html#getActions())()            Subclass and override if you wish to provide a custom set of Actions. |
| [Action](http://docs.google.com/javax/swing/Action.html)[] | **JTextField.**[**getActions**](http://docs.google.com/javax/swing/JTextField.html#getActions())()            Fetches the command list for the editor. |
| static [Action](http://docs.google.com/javax/swing/Action.html) | **TransferHandler.**[**getCopyAction**](http://docs.google.com/javax/swing/TransferHandler.html#getCopyAction())()            Returns an Action that performs copy operations to the clipboard. |
| static [Action](http://docs.google.com/javax/swing/Action.html) | **TransferHandler.**[**getCutAction**](http://docs.google.com/javax/swing/TransferHandler.html#getCutAction())()            Returns an Action that performs cut operations to the clipboard. |
| static [Action](http://docs.google.com/javax/swing/Action.html) | **TransferHandler.**[**getPasteAction**](http://docs.google.com/javax/swing/TransferHandler.html#getPasteAction())()            Returns an Action that performs paste operations from the clipboard. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| protected  void | **JTextField.**[**actionPropertyChanged**](http://docs.google.com/javax/swing/JTextField.html#actionPropertyChanged(javax.swing.Action,%20java.lang.String))([Action](http://docs.google.com/javax/swing/Action.html) action, [String](http://docs.google.com/java/lang/String.html) propertyName)            Updates the textfield's state in response to property changes in associated action. |
| protected  void | **JComboBox.**[**actionPropertyChanged**](http://docs.google.com/javax/swing/JComboBox.html#actionPropertyChanged(javax.swing.Action,%20java.lang.String))([Action](http://docs.google.com/javax/swing/Action.html) action, [String](http://docs.google.com/java/lang/String.html) propertyName)            Updates the combobox's state in response to property changes in associated action. |
| protected  void | **JMenuItem.**[**actionPropertyChanged**](http://docs.google.com/javax/swing/JMenuItem.html#actionPropertyChanged(javax.swing.Action,%20java.lang.String))([Action](http://docs.google.com/javax/swing/Action.html) action, [String](http://docs.google.com/java/lang/String.html) propertyName)            Updates the button's state in response to property changes in the associated action. |
| protected  void | **AbstractButton.**[**actionPropertyChanged**](http://docs.google.com/javax/swing/AbstractButton.html#actionPropertyChanged(javax.swing.Action,%20java.lang.String))([Action](http://docs.google.com/javax/swing/Action.html) action, [String](http://docs.google.com/java/lang/String.html) propertyName)            Updates the button's state in response to property changes in the associated action. |
| [JButton](http://docs.google.com/javax/swing/JButton.html) | **JToolBar.**[**add**](http://docs.google.com/javax/swing/JToolBar.html#add(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Adds a new JButton which dispatches the action. |
| [JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) | **JPopupMenu.**[**add**](http://docs.google.com/javax/swing/JPopupMenu.html#add(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Appends a new menu item to the end of the menu which dispatches the specified Action object. |
| [JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) | **JMenu.**[**add**](http://docs.google.com/javax/swing/JMenu.html#add(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates a new menu item attached to the specified Action object and appends it to the end of this menu. |
| protected  void | **JTextField.**[**configurePropertiesFromAction**](http://docs.google.com/javax/swing/JTextField.html#configurePropertiesFromAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Sets the properties on this textfield to match those in the specified Action. |
| protected  void | **JComboBox.**[**configurePropertiesFromAction**](http://docs.google.com/javax/swing/JComboBox.html#configurePropertiesFromAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Sets the properties on this combobox to match those in the specified Action. |
| protected  void | **JMenuItem.**[**configurePropertiesFromAction**](http://docs.google.com/javax/swing/JMenuItem.html#configurePropertiesFromAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Sets the properties on this button to match those in the specified Action. |
| protected  void | **AbstractButton.**[**configurePropertiesFromAction**](http://docs.google.com/javax/swing/AbstractButton.html#configurePropertiesFromAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Sets the properties on this button to match those in the specified Action. |
| protected  [JButton](http://docs.google.com/javax/swing/JButton.html) | **JToolBar.**[**createActionComponent**](http://docs.google.com/javax/swing/JToolBar.html#createActionComponent(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Factory method which creates the JButton for Actions added to the JToolBar. |
| protected  [JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) | **JPopupMenu.**[**createActionComponent**](http://docs.google.com/javax/swing/JPopupMenu.html#createActionComponent(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Factory method which creates the JMenuItem for Actions added to the JPopupMenu. |
| protected  [JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) | **JMenu.**[**createActionComponent**](http://docs.google.com/javax/swing/JMenu.html#createActionComponent(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Factory method which creates the JMenuItem for Actions added to the JMenu. |
| protected  [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) | **JTextField.**[**createActionPropertyChangeListener**](http://docs.google.com/javax/swing/JTextField.html#createActionPropertyChangeListener(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates and returns a PropertyChangeListener that is responsible for listening for changes from the specified Action and updating the appropriate properties. |
| protected  [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) | **JComboBox.**[**createActionPropertyChangeListener**](http://docs.google.com/javax/swing/JComboBox.html#createActionPropertyChangeListener(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates and returns a PropertyChangeListener that is responsible for listening for changes from the specified Action and updating the appropriate properties. |
| protected  [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) | **AbstractButton.**[**createActionPropertyChangeListener**](http://docs.google.com/javax/swing/AbstractButton.html#createActionPropertyChangeListener(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates and returns a PropertyChangeListener that is responsible for listening for changes from the specified Action and updating the appropriate properties. |
| void | **JPopupMenu.**[**insert**](http://docs.google.com/javax/swing/JPopupMenu.html#insert(javax.swing.Action,%20int))([Action](http://docs.google.com/javax/swing/Action.html) a, int index)            Inserts a menu item for the specified Action object at a given position. |
| [JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) | **JMenu.**[**insert**](http://docs.google.com/javax/swing/JMenu.html#insert(javax.swing.Action,%20int))([Action](http://docs.google.com/javax/swing/Action.html) a, int pos)            Inserts a new menu item attached to the specified Action object at a given position. |
| static boolean | **SwingUtilities.**[**notifyAction**](http://docs.google.com/javax/swing/SwingUtilities.html#notifyAction(javax.swing.Action,%20javax.swing.KeyStroke,%20java.awt.event.KeyEvent,%20java.lang.Object,%20int))([Action](http://docs.google.com/javax/swing/Action.html) action, [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) ks, [KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) event, [Object](http://docs.google.com/java/lang/Object.html) sender, int modifiers)            Invokes actionPerformed on action if action is enabled (and non-null). |
| void | **ActionMap.**[**put**](http://docs.google.com/javax/swing/ActionMap.html#put(java.lang.Object,%20javax.swing.Action))([Object](http://docs.google.com/java/lang/Object.html) key, [Action](http://docs.google.com/javax/swing/Action.html) action)            Adds a binding for key to action. |
| void | **JTextField.**[**setAction**](http://docs.google.com/javax/swing/JTextField.html#setAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Sets the Action for the ActionEvent source. |
| void | **JComboBox.**[**setAction**](http://docs.google.com/javax/swing/JComboBox.html#setAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Sets the Action for the ActionEvent source. |
| void | **AbstractButton.**[**setAction**](http://docs.google.com/javax/swing/AbstractButton.html#setAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Sets the Action. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Action](http://docs.google.com/javax/swing/Action.html) | |
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| [**JButton**](http://docs.google.com/javax/swing/JButton.html#JButton(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates a button where properties are taken from the Action supplied. |
| [**JCheckBox**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates a check box where properties are taken from the Action supplied. |
| [**JCheckBoxMenuItem**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html#JCheckBoxMenuItem(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates a menu item whose properties are taken from the Action supplied. |
| [**JMenu**](http://docs.google.com/javax/swing/JMenu.html#JMenu(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Constructs a menu whose properties are taken from the Action supplied. |
| [**JMenuItem**](http://docs.google.com/javax/swing/JMenuItem.html#JMenuItem(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates a menu item whose properties are taken from the specified Action. |
| [**JRadioButton**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates a radiobutton where properties are taken from the Action supplied. |
| [**JRadioButtonMenuItem**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates a radio button menu item whose properties are taken from the Action supplied. |
| [**JToggleButton**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Creates a toggle button where properties are taken from the Action supplied. |

| Uses of [Action](http://docs.google.com/javax/swing/Action.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
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| Classes in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that implement [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| protected  class | [**BasicDesktopPaneUI.CloseAction**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.CloseAction.html)            Handles closing an internal frame. |
| protected  class | [**BasicDesktopPaneUI.MaximizeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.MaximizeAction.html)            Handles maximizing an internal frame. |
| protected  class | [**BasicDesktopPaneUI.MinimizeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.MinimizeAction.html)            Handles minimizing an internal frame. |
| protected  class | [**BasicDesktopPaneUI.NavigateAction**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.NavigateAction.html)            Handles navigating to the next internal frame. |
| protected  class | [**BasicDesktopPaneUI.OpenAction**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.OpenAction.html)            Handles restoring a minimized or maximized internal frame. |
| protected  class | [**BasicFileChooserUI.ApproveSelectionAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.ApproveSelectionAction.html)            Responds to an Open or Save request |
| protected  class | [**BasicFileChooserUI.CancelSelectionAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.CancelSelectionAction.html)            Responds to a cancel request. |
| protected  class | [**BasicFileChooserUI.ChangeToParentDirectoryAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.ChangeToParentDirectoryAction.html) |
| protected  class | [**BasicFileChooserUI.GoHomeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.GoHomeAction.html)            Acts on the "home" key event or equivalent event. |
| protected  class | [**BasicFileChooserUI.NewFolderAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.NewFolderAction.html)            Creates a new folder. |
| protected  class | [**BasicFileChooserUI.UpdateAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.UpdateAction.html)            Rescans the files in the current directory |
| class | [**BasicInternalFrameTitlePane.CloseAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.CloseAction.html)            This class should be treated as a "protected" inner class. |
| class | [**BasicInternalFrameTitlePane.IconifyAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.IconifyAction.html)            This class should be treated as a "protected" inner class. |
| class | [**BasicInternalFrameTitlePane.MaximizeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.MaximizeAction.html)            This class should be treated as a "protected" inner class. |
| class | [**BasicInternalFrameTitlePane.MoveAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.MoveAction.html)            This class should be treated as a "protected" inner class. |
| class | [**BasicInternalFrameTitlePane.RestoreAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.RestoreAction.html)            This class should be treated as a "protected" inner class. |
| class | [**BasicInternalFrameTitlePane.SizeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.SizeAction.html)            This class should be treated as a "protected" inner class. |
| class | [**BasicSliderUI.ActionScroller**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.ActionScroller.html)            As of Java 2 platform v1.3 this undocumented class is no longer used. |
| class | [**BasicTreeUI.TreeCancelEditingAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeCancelEditingAction.html)            ActionListener that invokes cancelEditing when action performed. |
| class | [**BasicTreeUI.TreeHomeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeHomeAction.html)            TreeHomeAction is used to handle end/home actions. |
| class | [**BasicTreeUI.TreeIncrementAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeIncrementAction.html)            TreeIncrementAction is used to handle up/down actions. |
| class | [**BasicTreeUI.TreePageAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreePageAction.html)            TreePageAction handles page up and page down events. |
| class | [**BasicTreeUI.TreeToggleAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeToggleAction.html)            For the first selected row expandedness will be toggled. |
| class | [**BasicTreeUI.TreeTraverseAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeTraverseAction.html)            TreeTraverseAction is the action used for left/right keys. |

| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) declared as [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | **BasicInternalFrameTitlePane.**[**closeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#closeAction) |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | **BasicInternalFrameTitlePane.**[**iconifyAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#iconifyAction) |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | **BasicInternalFrameTitlePane.**[**maximizeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#maximizeAction) |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | **BasicInternalFrameTitlePane.**[**moveAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#moveAction) |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | **BasicTreeUI.KeyHandler.**[**repeatKeyAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html#repeatKeyAction)            Key code that is being generated for. |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | **BasicInternalFrameTitlePane.**[**restoreAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#restoreAction) |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | **BasicInternalFrameTitlePane.**[**sizeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#sizeAction) |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | **BasicLookAndFeel.**[**createAudioAction**](http://docs.google.com/javax/swing/plaf/basic/BasicLookAndFeel.html#createAudioAction(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) key)            Creates and returns an Action used to play a sound. |
| [Action](http://docs.google.com/javax/swing/Action.html) | **BasicFileChooserUI.**[**getApproveSelectionAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#getApproveSelectionAction())() |
| [Action](http://docs.google.com/javax/swing/Action.html) | **BasicFileChooserUI.**[**getCancelSelectionAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#getCancelSelectionAction())() |
| [Action](http://docs.google.com/javax/swing/Action.html) | **BasicFileChooserUI.**[**getChangeToParentDirectoryAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#getChangeToParentDirectoryAction())() |
| [Action](http://docs.google.com/javax/swing/Action.html) | **BasicFileChooserUI.**[**getGoHomeAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#getGoHomeAction())() |
| [Action](http://docs.google.com/javax/swing/Action.html) | **BasicFileChooserUI.**[**getNewFolderAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#getNewFolderAction())() |
| [Action](http://docs.google.com/javax/swing/Action.html) | **BasicFileChooserUI.**[**getUpdateAction**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#getUpdateAction())() |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| protected  void | **BasicLookAndFeel.**[**playSound**](http://docs.google.com/javax/swing/plaf/basic/BasicLookAndFeel.html#playSound(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) audioAction)            If necessary, invokes actionPerformed on audioAction to play a sound. |

| Uses of [Action](http://docs.google.com/javax/swing/Action.html) in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) that implement [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| protected  class | [**MetalFileChooserUI.DirectoryComboBoxAction**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.DirectoryComboBoxAction.html)            Acts when DirectoryComboBox has changed the selected item. |

| Uses of [Action](http://docs.google.com/javax/swing/Action.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
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| Classes in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that implement [Action](http://docs.google.com/javax/swing/Action.html) | |
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| static class | [**DefaultEditorKit.BeepAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.BeepAction.html)            Creates a beep. |
| static class | [**DefaultEditorKit.CopyAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.CopyAction.html)            Copies the selected region and place its contents into the system clipboard. |
| static class | [**DefaultEditorKit.CutAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.CutAction.html)            Cuts the selected region and place its contents into the system clipboard. |
| static class | [**DefaultEditorKit.DefaultKeyTypedAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.DefaultKeyTypedAction.html)            The action that is executed by default if a *key typed event* is received and there is no keymap entry. |
| static class | [**DefaultEditorKit.InsertBreakAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertBreakAction.html)            Places a line/paragraph break into the document. |
| static class | [**DefaultEditorKit.InsertContentAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertContentAction.html)            Places content into the associated document. |
| static class | [**DefaultEditorKit.InsertTabAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertTabAction.html)            Places a tab character into the document. |
| static class | [**DefaultEditorKit.PasteAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.PasteAction.html)            Pastes the contents of the system clipboard into the selected region, or before the caret if nothing is selected. |
| static class | [**StyledEditorKit.AlignmentAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.AlignmentAction.html)            An action to set paragraph alignment. |
| static class | [**StyledEditorKit.BoldAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.BoldAction.html)            An action to toggle the bold attribute. |
| static class | [**StyledEditorKit.FontFamilyAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.FontFamilyAction.html)            An action to set the font family in the associated JEditorPane. |
| static class | [**StyledEditorKit.FontSizeAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.FontSizeAction.html)            An action to set the font size in the associated JEditorPane. |
| static class | [**StyledEditorKit.ForegroundAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.ForegroundAction.html)            An action to set foreground color. |
| static class | [**StyledEditorKit.ItalicAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.ItalicAction.html)            An action to toggle the italic attribute. |
| static class | [**StyledEditorKit.StyledTextAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html)            An action that assumes it's being fired on a JEditorPane with a StyledEditorKit (or subclass) installed. |
| static class | [**StyledEditorKit.UnderlineAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.UnderlineAction.html)            An action to toggle the underline attribute. |
| class | [**TextAction**](http://docs.google.com/javax/swing/text/TextAction.html)            An Action implementation useful for key bindings that are shared across a number of different text components. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [Action](http://docs.google.com/javax/swing/Action.html) | |
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| static [Action](http://docs.google.com/javax/swing/Action.html)[] | **TextAction.**[**augmentList**](http://docs.google.com/javax/swing/text/TextAction.html#augmentList(javax.swing.Action%5B%5D,%20javax.swing.Action%5B%5D))([Action](http://docs.google.com/javax/swing/Action.html)[] list1, [Action](http://docs.google.com/javax/swing/Action.html)[] list2)            Takes one list of commands and augments it with another list of commands. |
| [Action](http://docs.google.com/javax/swing/Action.html) | **Keymap.**[**getAction**](http://docs.google.com/javax/swing/text/Keymap.html#getAction(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key)            Fetches the action appropriate for the given symbolic event sequence. |
| protected  [Action](http://docs.google.com/javax/swing/Action.html)[] | **InternationalFormatter.**[**getActions**](http://docs.google.com/javax/swing/text/InternationalFormatter.html#getActions())()            If getSupportsIncrement returns true, this returns two Actions suitable for incrementing/decrementing the value. |
| [Action](http://docs.google.com/javax/swing/Action.html)[] | **StyledEditorKit.**[**getActions**](http://docs.google.com/javax/swing/text/StyledEditorKit.html#getActions())()            Fetches the command list for the editor. |
| [Action](http://docs.google.com/javax/swing/Action.html)[] | **DefaultEditorKit.**[**getActions**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions())()            Fetches the set of commands that can be used on a text component that is using a model and view produced by this kit. |
| [Action](http://docs.google.com/javax/swing/Action.html)[] | **JTextComponent.**[**getActions**](http://docs.google.com/javax/swing/text/JTextComponent.html#getActions())()            Fetches the command list for the editor. |
| abstract  [Action](http://docs.google.com/javax/swing/Action.html)[] | **EditorKit.**[**getActions**](http://docs.google.com/javax/swing/text/EditorKit.html#getActions())()            Fetches the set of commands that can be used on a text component that is using a model and view produced by this kit. |
| [Action](http://docs.google.com/javax/swing/Action.html)[] | **Keymap.**[**getBoundActions**](http://docs.google.com/javax/swing/text/Keymap.html#getBoundActions())()            Fetches all of the actions defined in this keymap. |
| [Action](http://docs.google.com/javax/swing/Action.html) | **Keymap.**[**getDefaultAction**](http://docs.google.com/javax/swing/text/Keymap.html#getDefaultAction())()            Fetches the default action to fire if a key is typed (i.e. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Action](http://docs.google.com/javax/swing/Action.html) | |
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| void | **Keymap.**[**addActionForKeyStroke**](http://docs.google.com/javax/swing/text/Keymap.html#addActionForKeyStroke(javax.swing.KeyStroke,%20javax.swing.Action))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key, [Action](http://docs.google.com/javax/swing/Action.html) a)            Adds a binding to the keymap. |
| static [Action](http://docs.google.com/javax/swing/Action.html)[] | **TextAction.**[**augmentList**](http://docs.google.com/javax/swing/text/TextAction.html#augmentList(javax.swing.Action%5B%5D,%20javax.swing.Action%5B%5D))([Action](http://docs.google.com/javax/swing/Action.html)[] list1, [Action](http://docs.google.com/javax/swing/Action.html)[] list2)            Takes one list of commands and augments it with another list of commands. |
| static [Action](http://docs.google.com/javax/swing/Action.html)[] | **TextAction.**[**augmentList**](http://docs.google.com/javax/swing/text/TextAction.html#augmentList(javax.swing.Action%5B%5D,%20javax.swing.Action%5B%5D))([Action](http://docs.google.com/javax/swing/Action.html)[] list1, [Action](http://docs.google.com/javax/swing/Action.html)[] list2)            Takes one list of commands and augments it with another list of commands. |
| [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html)[] | **Keymap.**[**getKeyStrokesForAction**](http://docs.google.com/javax/swing/text/Keymap.html#getKeyStrokesForAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Fetches the keystrokes that will result in the given action. |
| static void | **JTextComponent.**[**loadKeymap**](http://docs.google.com/javax/swing/text/JTextComponent.html#loadKeymap(javax.swing.text.Keymap,%20javax.swing.text.JTextComponent.KeyBinding%5B%5D,%20javax.swing.Action%5B%5D))([Keymap](http://docs.google.com/javax/swing/text/Keymap.html) map, [JTextComponent.KeyBinding](http://docs.google.com/javax/swing/text/JTextComponent.KeyBinding.html)[] bindings, [Action](http://docs.google.com/javax/swing/Action.html)[] actions)             Loads a keymap with a bunch of bindings. |
| void | **Keymap.**[**setDefaultAction**](http://docs.google.com/javax/swing/text/Keymap.html#setDefaultAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Set the default action to fire if a key is typed. |

| Uses of [Action](http://docs.google.com/javax/swing/Action.html) in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
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| Classes in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that implement [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| static class | [**HTMLEditorKit.HTMLTextAction**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html)            An abstract Action providing some convenience methods that may be useful in inserting HTML into an existing document. |
| static class | [**HTMLEditorKit.InsertHTMLTextAction**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html)            InsertHTMLTextAction can be used to insert an arbitrary string of HTML into an existing HTML document. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that return [Action](http://docs.google.com/javax/swing/Action.html) | |
| --- | --- |
| [Action](http://docs.google.com/javax/swing/Action.html)[] | **HTMLEditorKit.**[**getActions**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html#getActions())()            Fetches the command list for the editor. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/Action.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing//class-useAction.html)    [**NO FRAMES**](http://docs.google.com/Action.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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