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

**Uses of Interface**

**javax.swing.SwingConstants**

| Packages that use [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.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.table**](#3dy6vkm) | Provides classes and interfaces for dealing with javax.swing.JTable. |
| [**javax.swing.text**](#1t3h5sf) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#4d34og8) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |
| [**javax.swing.tree**](#2s8eyo1) | Provides classes and interfaces for dealing with javax.swing.JTree. |

| Uses of [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.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 [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) | |
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| class | [**AbstractButton**](http://docs.google.com/javax/swing/AbstractButton.html)            Defines common behaviors for buttons and menu items. |
| class | [**DefaultListCellRenderer**](http://docs.google.com/javax/swing/DefaultListCellRenderer.html)            Renders an item in a list. |
| static class | [**DefaultListCellRenderer.UIResource**](http://docs.google.com/javax/swing/DefaultListCellRenderer.UIResource.html)            A subclass of DefaultListCellRenderer that implements UIResource. |
| class | [**JButton**](http://docs.google.com/javax/swing/JButton.html)            An implementation of a "push" button. |
| class | [**JCheckBox**](http://docs.google.com/javax/swing/JCheckBox.html)            An implementation of a check box -- an item that can be selected or deselected, and which displays its state to the user. |
| class | [**JCheckBoxMenuItem**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html)            A menu item that can be selected or deselected. |
| class | [**JFormattedTextField**](http://docs.google.com/javax/swing/JFormattedTextField.html)            JFormattedTextField extends JTextField adding support for formatting arbitrary values, as well as retrieving a particular object once the user has edited the text. |
| class | [**JLabel**](http://docs.google.com/javax/swing/JLabel.html)            A display area for a short text string or an image, or both. |
| class | [**JMenu**](http://docs.google.com/javax/swing/JMenu.html)            An implementation of a menu -- a popup window containing JMenuItems that is displayed when the user selects an item on the JMenuBar. |
| class | [**JMenuItem**](http://docs.google.com/javax/swing/JMenuItem.html)            An implementation of an item in a menu. |
| class | [**JPasswordField**](http://docs.google.com/javax/swing/JPasswordField.html)            JPasswordField is a lightweight component that allows the editing of a single line of text where the view indicates something was typed, but does not show the original characters. |
| static class | [**JPopupMenu.Separator**](http://docs.google.com/javax/swing/JPopupMenu.Separator.html)            A popup menu-specific separator. |
| class | [**JProgressBar**](http://docs.google.com/javax/swing/JProgressBar.html)            A component that visually displays the progress of some task. |
| class | [**JRadioButton**](http://docs.google.com/javax/swing/JRadioButton.html)            An implementation of a radio button -- an item that can be selected or deselected, and which displays its state to the user. |
| class | [**JRadioButtonMenuItem**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html)            An implementation of a radio button menu item. |
| class | [**JSeparator**](http://docs.google.com/javax/swing/JSeparator.html)            JSeparator provides a general purpose component for implementing divider lines - most commonly used as a divider between menu items that breaks them up into logical groupings. |
| class | [**JSlider**](http://docs.google.com/javax/swing/JSlider.html)            A component that lets the user graphically select a value by sliding a knob within a bounded interval. |
| class | [**JTabbedPane**](http://docs.google.com/javax/swing/JTabbedPane.html)            A component that lets the user switch between a group of components by clicking on a tab with a given title and/or icon. |
| class | [**JTextField**](http://docs.google.com/javax/swing/JTextField.html)            JTextField is a lightweight component that allows the editing of a single line of text. |
| class | [**JToggleButton**](http://docs.google.com/javax/swing/JToggleButton.html)            An implementation of a two-state button. |
| class | [**JToolBar**](http://docs.google.com/javax/swing/JToolBar.html)            JToolBar provides a component that is useful for displaying commonly used Actions or controls. |
| static class | [**JToolBar.Separator**](http://docs.google.com/javax/swing/JToolBar.Separator.html)            A toolbar-specific separator. |
| class | [**SwingUtilities**](http://docs.google.com/javax/swing/SwingUtilities.html)            A collection of utility methods for Swing. |

| Uses of [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.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 [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) | |
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| class | [**BasicArrowButton**](http://docs.google.com/javax/swing/plaf/basic/BasicArrowButton.html)            JButton object that draws a scaled Arrow in one of the cardinal directions. |
| class | [**BasicComboBoxRenderer**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxRenderer.html)            ComboBox renderer |
| static class | [**BasicComboBoxRenderer.UIResource**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxRenderer.UIResource.html)            A subclass of BasicComboBoxRenderer that implements UIResource. |
| protected  class | [**BasicInternalFrameUI.BorderListener**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.BorderListener.html)            Listens for border adjustments. |
| class | [**BasicScrollBarUI**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html)            Implementation of ScrollBarUI for the Basic Look and Feel |
| class | [**BasicTabbedPaneUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html)            A Basic L&F implementation of TabbedPaneUI. |
| class | [**BasicToolBarUI**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html)            A Basic L&F implementation of ToolBarUI. |

| Uses of [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) | |
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| Classes in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) that implement [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) | |
| --- | --- |
| static class | [**MetalBorders.ToolBarBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ToolBarBorder.html) |
| class | [**MetalComboBoxButton**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxButton.html)            JButton subclass to help out MetalComboBoxUI |
| protected  class | [**MetalFileChooserUI.FileRenderer**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.FileRenderer.html) |
| class | [**MetalFileChooserUI.FilterComboBoxRenderer**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.FilterComboBoxRenderer.html)            Render different type sizes and styles. |
| class | [**MetalScrollBarUI**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollBarUI.html)            Implementation of ScrollBarUI for the Metal Look and Feel |
| class | [**MetalScrollButton**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollButton.html)            JButton object for Metal scrollbar arrows. |
| class | [**MetalTabbedPaneUI**](http://docs.google.com/javax/swing/plaf/metal/MetalTabbedPaneUI.html)            The Metal subclass of BasicTabbedPaneUI. |
| class | [**MetalToolBarUI**](http://docs.google.com/javax/swing/plaf/metal/MetalToolBarUI.html)            A Metal Look and Feel implementation of ToolBarUI. |

| Uses of [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) | |
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| Classes in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) that implement [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) | |
| --- | --- |
| class | [**DefaultTableCellRenderer**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html)            The standard class for rendering (displaying) individual cells in a JTable. |
| static class | [**DefaultTableCellRenderer.UIResource**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.UIResource.html)            A subclass of DefaultTableCellRenderer that implements UIResource. |

| Uses of [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.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 [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) | |
| --- | --- |
| class | [**AsyncBoxView**](http://docs.google.com/javax/swing/text/AsyncBoxView.html)            A box that does layout asynchronously. |
| class | [**BoxView**](http://docs.google.com/javax/swing/text/BoxView.html)            A view that arranges its children into a box shape by tiling its children along an axis. |
| class | [**ComponentView**](http://docs.google.com/javax/swing/text/ComponentView.html)            Component decorator that implements the view interface. |
| class | [**CompositeView**](http://docs.google.com/javax/swing/text/CompositeView.html)            CompositeView is an abstract View implementation which manages one or more child views. |
| class | [**FieldView**](http://docs.google.com/javax/swing/text/FieldView.html)            Extends the multi-line plain text view to be suitable for a single-line editor view. |
| class | [**FlowView**](http://docs.google.com/javax/swing/text/FlowView.html)            A View that tries to flow it's children into some partially constrained space. |
| class | [**GlyphView**](http://docs.google.com/javax/swing/text/GlyphView.html)            A GlyphView is a styled chunk of text that represents a view mapped over an element in the text model. |
| class | [**IconView**](http://docs.google.com/javax/swing/text/IconView.html)            Icon decorator that implements the view interface. |
| class | [**LabelView**](http://docs.google.com/javax/swing/text/LabelView.html)            A LabelView is a styled chunk of text that represents a view mapped over an element in the text model. |
| class | [**ParagraphView**](http://docs.google.com/javax/swing/text/ParagraphView.html)            View of a simple line-wrapping paragraph that supports multiple fonts, colors, components, icons, etc. |
| class | [**PasswordView**](http://docs.google.com/javax/swing/text/PasswordView.html)            Implements a View suitable for use in JPasswordField UI implementations. |
| class | [**PlainView**](http://docs.google.com/javax/swing/text/PlainView.html)            Implements View interface for a simple multi-line text view that has text in one font and color. |
| class | [**TableView**](http://docs.google.com/javax/swing/text/TableView.html)             Implements View interface for a table, that is composed of an element structure where the child elements of the element this view is responsible for represent rows and the child elements of the row elements are cells. |
| class | [**TableView.TableCell**](http://docs.google.com/javax/swing/text/TableView.TableCell.html)  **Deprecated.** *A table cell can now be any View implementation.* |
| class | [**TableView.TableRow**](http://docs.google.com/javax/swing/text/TableView.TableRow.html)            View of a row in a row-centric table. |
| class | [**View**](http://docs.google.com/javax/swing/text/View.html)             A very important part of the text package is the View class. |
| class | [**WrappedPlainView**](http://docs.google.com/javax/swing/text/WrappedPlainView.html)            View of plain text (text with only one font and color) that does line-wrapping. |
| class | [**ZoneView**](http://docs.google.com/javax/swing/text/ZoneView.html)            ZoneView is a View implementation that creates zones for which the child views are not created or stored until they are needed for display or model/view translations. |

| Uses of [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.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 [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) | |
| --- | --- |
| class | [**BlockView**](http://docs.google.com/javax/swing/text/html/BlockView.html)            A view implementation to display a block (as a box) with CSS specifications. |
| class | [**FormView**](http://docs.google.com/javax/swing/text/html/FormView.html)            Component decorator that implements the view interface for form elements, <input>, <textarea>, and <select>. |
| class | [**ImageView**](http://docs.google.com/javax/swing/text/html/ImageView.html)            View of an Image, intended to support the HTML <IMG> tag. |
| class | [**InlineView**](http://docs.google.com/javax/swing/text/html/InlineView.html)            Displays the inline element styles based upon css attributes. |
| class | [**ListView**](http://docs.google.com/javax/swing/text/html/ListView.html)            A view implementation to display an html list |
| class | [**ObjectView**](http://docs.google.com/javax/swing/text/html/ObjectView.html)            Component decorator that implements the view interface for <object> elements. |

| Uses of [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) | |
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| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) that implement [SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) | |
| --- | --- |
| class | [**DefaultTreeCellEditor.DefaultTextField**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.DefaultTextField.html)            TextField used when no editor is supplied. |
| class | [**DefaultTreeCellRenderer**](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html)            Displays an entry in a tree. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/SwingConstants.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*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing//class-useSwingConstants.html)    [**NO FRAMES**](http://docs.google.com/SwingConstants.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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