| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SwingConstants.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/SpringLayout.Constraints.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/SwingUtilities.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/SwingConstants.html)    [**NO FRAMES**](http://docs.google.com/SwingConstants.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | METHOD | DETAIL: [FIELD](#2et92p0) | CONSTR | METHOD |

## **javax.swing**

Interface SwingConstants

**All Known Implementing Classes:** [AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html), [AsyncBoxView](http://docs.google.com/javax/swing/text/AsyncBoxView.html), [BasicArrowButton](http://docs.google.com/javax/swing/plaf/basic/BasicArrowButton.html), [BasicComboBoxRenderer](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxRenderer.html), [BasicComboBoxRenderer.UIResource](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxRenderer.UIResource.html), [BasicInternalFrameUI.BorderListener](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.BorderListener.html), [BasicScrollBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html), [BasicTabbedPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html), [BasicToolBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html), [BlockView](http://docs.google.com/javax/swing/text/html/BlockView.html), [BoxView](http://docs.google.com/javax/swing/text/BoxView.html), [ComponentView](http://docs.google.com/javax/swing/text/ComponentView.html), [CompositeView](http://docs.google.com/javax/swing/text/CompositeView.html), [DefaultListCellRenderer](http://docs.google.com/javax/swing/DefaultListCellRenderer.html), [DefaultListCellRenderer.UIResource](http://docs.google.com/javax/swing/DefaultListCellRenderer.UIResource.html), [DefaultTableCellRenderer](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html), [DefaultTableCellRenderer.UIResource](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.UIResource.html), [DefaultTreeCellEditor.DefaultTextField](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.DefaultTextField.html), [DefaultTreeCellRenderer](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html), [FieldView](http://docs.google.com/javax/swing/text/FieldView.html), [FlowView](http://docs.google.com/javax/swing/text/FlowView.html), [FormView](http://docs.google.com/javax/swing/text/html/FormView.html), [GlyphView](http://docs.google.com/javax/swing/text/GlyphView.html), [IconView](http://docs.google.com/javax/swing/text/IconView.html), [ImageView](http://docs.google.com/javax/swing/text/html/ImageView.html), [InlineView](http://docs.google.com/javax/swing/text/html/InlineView.html), [JButton](http://docs.google.com/javax/swing/JButton.html), [JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html), [JCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html), [JFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.html), [JLabel](http://docs.google.com/javax/swing/JLabel.html), [JMenu](http://docs.google.com/javax/swing/JMenu.html), [JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html), [JPasswordField](http://docs.google.com/javax/swing/JPasswordField.html), [JPopupMenu.Separator](http://docs.google.com/javax/swing/JPopupMenu.Separator.html), [JProgressBar](http://docs.google.com/javax/swing/JProgressBar.html), [JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html), [JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html), [JSeparator](http://docs.google.com/javax/swing/JSeparator.html), [JSlider](http://docs.google.com/javax/swing/JSlider.html), [JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html), [JTextField](http://docs.google.com/javax/swing/JTextField.html), [JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html), [JToolBar](http://docs.google.com/javax/swing/JToolBar.html), [JToolBar.Separator](http://docs.google.com/javax/swing/JToolBar.Separator.html), [LabelView](http://docs.google.com/javax/swing/text/LabelView.html), [ListView](http://docs.google.com/javax/swing/text/html/ListView.html), [MetalBorders.ToolBarBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ToolBarBorder.html), [MetalComboBoxButton](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxButton.html), [MetalFileChooserUI.FileRenderer](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.FileRenderer.html), [MetalFileChooserUI.FilterComboBoxRenderer](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.FilterComboBoxRenderer.html), [MetalScrollBarUI](http://docs.google.com/javax/swing/plaf/metal/MetalScrollBarUI.html), [MetalScrollButton](http://docs.google.com/javax/swing/plaf/metal/MetalScrollButton.html), [MetalTabbedPaneUI](http://docs.google.com/javax/swing/plaf/metal/MetalTabbedPaneUI.html), [MetalToolBarUI](http://docs.google.com/javax/swing/plaf/metal/MetalToolBarUI.html), [ObjectView](http://docs.google.com/javax/swing/text/html/ObjectView.html), [ParagraphView](http://docs.google.com/javax/swing/text/ParagraphView.html), [ParagraphView](http://docs.google.com/javax/swing/text/html/ParagraphView.html), [PasswordView](http://docs.google.com/javax/swing/text/PasswordView.html), [PlainView](http://docs.google.com/javax/swing/text/PlainView.html), [SwingUtilities](http://docs.google.com/javax/swing/SwingUtilities.html), [TableView](http://docs.google.com/javax/swing/text/TableView.html), [TableView.TableCell](http://docs.google.com/javax/swing/text/TableView.TableCell.html), [TableView.TableRow](http://docs.google.com/javax/swing/text/TableView.TableRow.html), [View](http://docs.google.com/javax/swing/text/View.html), [WrappedPlainView](http://docs.google.com/javax/swing/text/WrappedPlainView.html), [ZoneView](http://docs.google.com/javax/swing/text/ZoneView.html)

public interface **SwingConstants**

A collection of constants generally used for positioning and orienting components on the screen.

| **Field Summary** | |
| --- | --- |
| static int | [**BOTTOM**](http://docs.google.com/javax/swing/SwingConstants.html#BOTTOM)            Box-orientation constant used to specify the bottom of a box. |
| static int | [**CENTER**](http://docs.google.com/javax/swing/SwingConstants.html#CENTER)            The central position in an area. |
| static int | [**EAST**](http://docs.google.com/javax/swing/SwingConstants.html#EAST)            Compass-direction east (right). |
| static int | [**HORIZONTAL**](http://docs.google.com/javax/swing/SwingConstants.html#HORIZONTAL)            Horizontal orientation. |
| static int | [**LEADING**](http://docs.google.com/javax/swing/SwingConstants.html#LEADING)            Identifies the leading edge of text for use with left-to-right and right-to-left languages. |
| static int | [**LEFT**](http://docs.google.com/javax/swing/SwingConstants.html#LEFT)            Box-orientation constant used to specify the left side of a box. |
| static int | [**NEXT**](http://docs.google.com/javax/swing/SwingConstants.html#NEXT)            Identifies the next direction in a sequence. |
| static int | [**NORTH**](http://docs.google.com/javax/swing/SwingConstants.html#NORTH)            Compass-direction North (up). |
| static int | [**NORTH\_EAST**](http://docs.google.com/javax/swing/SwingConstants.html#NORTH_EAST)            Compass-direction north-east (upper right). |
| static int | [**NORTH\_WEST**](http://docs.google.com/javax/swing/SwingConstants.html#NORTH_WEST)            Compass-direction north west (upper left). |
| static int | [**PREVIOUS**](http://docs.google.com/javax/swing/SwingConstants.html#PREVIOUS)            Identifies the previous direction in a sequence. |
| static int | [**RIGHT**](http://docs.google.com/javax/swing/SwingConstants.html#RIGHT)            Box-orientation constant used to specify the right side of a box. |
| static int | [**SOUTH**](http://docs.google.com/javax/swing/SwingConstants.html#SOUTH)            Compass-direction south (down). |
| static int | [**SOUTH\_EAST**](http://docs.google.com/javax/swing/SwingConstants.html#SOUTH_EAST)            Compass-direction south-east (lower right). |
| static int | [**SOUTH\_WEST**](http://docs.google.com/javax/swing/SwingConstants.html#SOUTH_WEST)            Compass-direction south-west (lower left). |
| static int | [**TOP**](http://docs.google.com/javax/swing/SwingConstants.html#TOP)            Box-orientation constant used to specify the top of a box. |
| static int | [**TRAILING**](http://docs.google.com/javax/swing/SwingConstants.html#TRAILING)            Identifies the trailing edge of text for use with left-to-right and right-to-left languages. |
| static int | [**VERTICAL**](http://docs.google.com/javax/swing/SwingConstants.html#VERTICAL)            Vertical orientation. |
| static int | [**WEST**](http://docs.google.com/javax/swing/SwingConstants.html#WEST)            Compass-direction west (left). |

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

### CENTER

static final int **CENTER**

The central position in an area. Used for both compass-direction constants (NORTH, etc.) and box-orientation constants (TOP, etc.).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.CENTER)

### TOP

static final int **TOP**

Box-orientation constant used to specify the top of a box.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.TOP)

### LEFT

static final int **LEFT**

Box-orientation constant used to specify the left side of a box.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.LEFT)

### BOTTOM

static final int **BOTTOM**

Box-orientation constant used to specify the bottom of a box.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.BOTTOM)

### RIGHT

static final int **RIGHT**

Box-orientation constant used to specify the right side of a box.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.RIGHT)

### NORTH

static final int **NORTH**

Compass-direction North (up).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.NORTH)

### NORTH\_EAST

static final int **NORTH\_EAST**

Compass-direction north-east (upper right).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.NORTH_EAST)

### EAST

static final int **EAST**

Compass-direction east (right).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.EAST)

### SOUTH\_EAST

static final int **SOUTH\_EAST**

Compass-direction south-east (lower right).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.SOUTH_EAST)

### SOUTH

static final int **SOUTH**

Compass-direction south (down).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.SOUTH)

### SOUTH\_WEST

static final int **SOUTH\_WEST**

Compass-direction south-west (lower left).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.SOUTH_WEST)

### WEST

static final int **WEST**

Compass-direction west (left).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.WEST)

### NORTH\_WEST

static final int **NORTH\_WEST**

Compass-direction north west (upper left).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.NORTH_WEST)

### HORIZONTAL

static final int **HORIZONTAL**

Horizontal orientation. Used for scrollbars and sliders.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.HORIZONTAL)

### VERTICAL

static final int **VERTICAL**

Vertical orientation. Used for scrollbars and sliders.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.VERTICAL)

### LEADING

static final int **LEADING**

Identifies the leading edge of text for use with left-to-right and right-to-left languages. Used by buttons and labels.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.LEADING)

### TRAILING

static final int **TRAILING**

Identifies the trailing edge of text for use with left-to-right and right-to-left languages. Used by buttons and labels.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.TRAILING)

### NEXT

static final int **NEXT**

Identifies the next direction in a sequence.

**Since:** 1.4 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.NEXT)

### PREVIOUS

static final int **PREVIOUS**

Identifies the previous direction in a sequence.

**Since:** 1.4 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.SwingConstants.PREVIOUS)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SwingConstants.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/SpringLayout.Constraints.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/SwingUtilities.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/SwingConstants.html)    [**NO FRAMES**](http://docs.google.com/SwingConstants.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | METHOD | DETAIL: [FIELD](#2et92p0) | CONSTR | METHOD |

[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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