| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/MenuContainer.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?java/awt//class-useMenuContainer.html)    [**NO FRAMES**](http://docs.google.com/MenuContainer.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.awt.MenuContainer**

| Packages that use [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| [**java.applet**](#3znysh7) | Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context. |
| [**java.awt**](#2et92p0) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**javax.swing**](#tyjcwt) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.colorchooser**](#1t3h5sf) | Contains classes and interfaces used by the JColorChooser component. |
| [**javax.swing.plaf.basic**](#4d34og8) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#2s8eyo1) | 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**](#17dp8vu) | Provides classes and interfaces for dealing with javax.swing.JTable. |
| [**javax.swing.text**](#3rdcrjn) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.tree**](#26in1rg) | Provides classes and interfaces for dealing with javax.swing.JTree. |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) in [java.applet](http://docs.google.com/java/applet/package-summary.html) | |
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| Classes in [java.applet](http://docs.google.com/java/applet/package-summary.html) that implement [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| class | [**Applet**](http://docs.google.com/java/applet/Applet.html)            An applet is a small program that is intended not to be run on its own, but rather to be embedded inside another application. |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
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| Classes in [java.awt](http://docs.google.com/java/awt/package-summary.html) that implement [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| class | [**Button**](http://docs.google.com/java/awt/Button.html)            This class creates a labeled button. |
| class | [**Canvas**](http://docs.google.com/java/awt/Canvas.html)            A Canvas component represents a blank rectangular area of the screen onto which the application can draw or from which the application can trap input events from the user. |
| class | [**Checkbox**](http://docs.google.com/java/awt/Checkbox.html)            A check box is a graphical component that can be in either an "on" (true) or "off" (false) state. |
| class | [**Choice**](http://docs.google.com/java/awt/Choice.html)            The Choice class presents a pop-up menu of choices. |
| class | [**Component**](http://docs.google.com/java/awt/Component.html)            A *component* is an object having a graphical representation that can be displayed on the screen and that can interact with the user. |
| class | [**Container**](http://docs.google.com/java/awt/Container.html)            A generic Abstract Window Toolkit(AWT) container object is a component that can contain other AWT components. |
| class | [**Dialog**](http://docs.google.com/java/awt/Dialog.html)            A Dialog is a top-level window with a title and a border that is typically used to take some form of input from the user. |
| class | [**FileDialog**](http://docs.google.com/java/awt/FileDialog.html)            The FileDialog class displays a dialog window from which the user can select a file. |
| class | [**Frame**](http://docs.google.com/java/awt/Frame.html)            A Frame is a top-level window with a title and a border. |
| class | [**Label**](http://docs.google.com/java/awt/Label.html)            A Label object is a component for placing text in a container. |
| class | [**List**](http://docs.google.com/java/awt/List.html)            The List component presents the user with a scrolling list of text items. |
| class | [**Menu**](http://docs.google.com/java/awt/Menu.html)            A Menu object is a pull-down menu component that is deployed from a menu bar. |
| class | [**MenuBar**](http://docs.google.com/java/awt/MenuBar.html)            The MenuBar class encapsulates the platform's concept of a menu bar bound to a frame. |
| class | [**Panel**](http://docs.google.com/java/awt/Panel.html)            Panel is the simplest container class. |
| class | [**PopupMenu**](http://docs.google.com/java/awt/PopupMenu.html)            A class that implements a menu which can be dynamically popped up at a specified position within a component. |
| class | [**Scrollbar**](http://docs.google.com/java/awt/Scrollbar.html)            The Scrollbar class embodies a scroll bar, a familiar user-interface object. |
| class | [**ScrollPane**](http://docs.google.com/java/awt/ScrollPane.html)            A container class which implements automatic horizontal and/or vertical scrolling for a single child component. |
| class | [**TextArea**](http://docs.google.com/java/awt/TextArea.html)            A TextArea object is a multi-line region that displays text. |
| class | [**TextComponent**](http://docs.google.com/java/awt/TextComponent.html)            The TextComponent class is the superclass of any component that allows the editing of some text. |
| class | [**TextField**](http://docs.google.com/java/awt/TextField.html)            A TextField object is a text component that allows for the editing of a single line of text. |
| class | [**Window**](http://docs.google.com/java/awt/Window.html)            A Window object is a top-level window with no borders and no menubar. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | **PopupMenu.**[**getParent**](http://docs.google.com/java/awt/PopupMenu.html#getParent())()            Returns the parent container for this menu component. |
| [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | **MenuComponent.**[**getParent**](http://docs.google.com/java/awt/MenuComponent.html#getParent())()            Returns the parent container for this menu component. |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.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 [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| class | [**AbstractButton**](http://docs.google.com/javax/swing/AbstractButton.html)            Defines common behaviors for buttons and menu items. |
| class | [**Box**](http://docs.google.com/javax/swing/Box.html)            A lightweight container that uses a BoxLayout object as its layout manager. |
| static class | [**Box.Filler**](http://docs.google.com/javax/swing/Box.Filler.html)            An implementation of a lightweight component that participates in layout but has no view. |
| class | [**CellRendererPane**](http://docs.google.com/javax/swing/CellRendererPane.html)            This class is inserted in between cell renderers and the components that use them. |
| 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 | [**JApplet**](http://docs.google.com/javax/swing/JApplet.html)            An extended version of java.applet.Applet that adds support for the JFC/Swing component architecture. |
| 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 | [**JColorChooser**](http://docs.google.com/javax/swing/JColorChooser.html)            JColorChooser provides a pane of controls designed to allow a user to manipulate and select a color. |
| class | [**JComboBox**](http://docs.google.com/javax/swing/JComboBox.html)            A component that combines a button or editable field and a drop-down list. |
| class | [**JComponent**](http://docs.google.com/javax/swing/JComponent.html)            The base class for all Swing components except top-level containers. |
| class | [**JDesktopPane**](http://docs.google.com/javax/swing/JDesktopPane.html)            A container used to create a multiple-document interface or a virtual desktop. |
| class | [**JDialog**](http://docs.google.com/javax/swing/JDialog.html)            The main class for creating a dialog window. |
| class | [**JEditorPane**](http://docs.google.com/javax/swing/JEditorPane.html)            A text component to edit various kinds of content. |
| class | [**JFileChooser**](http://docs.google.com/javax/swing/JFileChooser.html)            JFileChooser provides a simple mechanism for the user to choose a file. |
| 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 | [**JFrame**](http://docs.google.com/javax/swing/JFrame.html)            An extended version of java.awt.Frame that adds support for the JFC/Swing component architecture. |
| class | [**JInternalFrame**](http://docs.google.com/javax/swing/JInternalFrame.html)            A lightweight object that provides many of the features of a native frame, including dragging, closing, becoming an icon, resizing, title display, and support for a menu bar. |
| static class | [**JInternalFrame.JDesktopIcon**](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.html)            This component represents an iconified version of a JInternalFrame. |
| class | [**JLabel**](http://docs.google.com/javax/swing/JLabel.html)            A display area for a short text string or an image, or both. |
| class | [**JLayeredPane**](http://docs.google.com/javax/swing/JLayeredPane.html)            JLayeredPane adds depth to a JFC/Swing container, allowing components to overlap each other when needed. |
| class | [**JList**](http://docs.google.com/javax/swing/JList.html)            A component that displays a list of objects and allows the user to select one or more items. |
| 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 | [**JMenuBar**](http://docs.google.com/javax/swing/JMenuBar.html)            An implementation of a menu bar. |
| class | [**JMenuItem**](http://docs.google.com/javax/swing/JMenuItem.html)            An implementation of an item in a menu. |
| class | [**JOptionPane**](http://docs.google.com/javax/swing/JOptionPane.html)            JOptionPane makes it easy to pop up a standard dialog box that prompts users for a value or informs them of something. |
| class | [**JPanel**](http://docs.google.com/javax/swing/JPanel.html)            JPanel is a generic lightweight container. |
| 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. |
| class | [**JPopupMenu**](http://docs.google.com/javax/swing/JPopupMenu.html)            An implementation of a popup menu -- a small window that pops up and displays a series of choices. |
| 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 | [**JRootPane**](http://docs.google.com/javax/swing/JRootPane.html)            A lightweight container used behind the scenes by JFrame, JDialog, JWindow, JApplet, and JInternalFrame. |
| class | [**JScrollBar**](http://docs.google.com/javax/swing/JScrollBar.html)            An implementation of a scrollbar. |
| class | [**JScrollPane**](http://docs.google.com/javax/swing/JScrollPane.html)            Provides a scrollable view of a lightweight component. |
| protected  class | [**JScrollPane.ScrollBar**](http://docs.google.com/javax/swing/JScrollPane.ScrollBar.html)            By default JScrollPane creates scrollbars that are instances of this class. |
| 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 | [**JSpinner**](http://docs.google.com/javax/swing/JSpinner.html)            A single line input field that lets the user select a number or an object value from an ordered sequence. |
| static class | [**JSpinner.DateEditor**](http://docs.google.com/javax/swing/JSpinner.DateEditor.html)            An editor for a JSpinner whose model is a SpinnerDateModel. |
| static class | [**JSpinner.DefaultEditor**](http://docs.google.com/javax/swing/JSpinner.DefaultEditor.html)            A simple base class for more specialized editors that displays a read-only view of the model's current value with a JFormattedTextField. |
| static class | [**JSpinner.ListEditor**](http://docs.google.com/javax/swing/JSpinner.ListEditor.html)            An editor for a JSpinner whose model is a SpinnerListModel. |
| static class | [**JSpinner.NumberEditor**](http://docs.google.com/javax/swing/JSpinner.NumberEditor.html)            An editor for a JSpinner whose model is a SpinnerNumberModel. |
| class | [**JSplitPane**](http://docs.google.com/javax/swing/JSplitPane.html)            JSplitPane is used to divide two (and only two) Components. |
| 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 | [**JTable**](http://docs.google.com/javax/swing/JTable.html)            The JTable is used to display and edit regular two-dimensional tables of cells. |
| class | [**JTextArea**](http://docs.google.com/javax/swing/JTextArea.html)            A JTextArea is a multi-line area that displays plain text. |
| 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 | [**JTextPane**](http://docs.google.com/javax/swing/JTextPane.html)            A text component that can be marked up with attributes that are represented graphically. |
| 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 | [**JToolTip**](http://docs.google.com/javax/swing/JToolTip.html)            Used to display a "Tip" for a Component. |
| class | [**JTree**](http://docs.google.com/javax/swing/JTree.html)  A control that displays a set of hierarchical data as an outline. |
| class | [**JViewport**](http://docs.google.com/javax/swing/JViewport.html)            The "viewport" or "porthole" through which you see the underlying information. |
| class | [**JWindow**](http://docs.google.com/javax/swing/JWindow.html)            A JWindow is a container that can be displayed anywhere on the user's desktop. |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) in [javax.swing.colorchooser](http://docs.google.com/javax/swing/colorchooser/package-summary.html) | |
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| Classes in [javax.swing.colorchooser](http://docs.google.com/javax/swing/colorchooser/package-summary.html) that implement [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| class | [**AbstractColorChooserPanel**](http://docs.google.com/javax/swing/colorchooser/AbstractColorChooserPanel.html)            This is the abstract superclass for color choosers. |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.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 [MenuContainer](http://docs.google.com/java/awt/MenuContainer.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. |
| class | [**BasicComboPopup**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html)            This is a basic implementation of the ComboPopup interface. |
| class | [**BasicInternalFrameTitlePane**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html)            The class that manages a basic title bar |
| class | [**BasicInternalFrameTitlePane.SystemMenuBar**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.SystemMenuBar.html)            This class should be treated as a "protected" inner class. |
| class | [**BasicSplitPaneDivider**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.html)            Divider used by BasicSplitPaneUI. |
| protected  class | [**BasicToolBarUI.DragWindow**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.DragWindow.html) |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.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 [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| class | [**MetalComboBoxButton**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxButton.html)            JButton subclass to help out MetalComboBoxUI |
| class | [**MetalComboBoxUI.MetalComboPopup**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboPopup.html)  **Deprecated.** *As of Java 2 platform v1.4.* |
| 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 | [**MetalInternalFrameTitlePane**](http://docs.google.com/javax/swing/plaf/metal/MetalInternalFrameTitlePane.html)            Class that manages a JLF title bar |
| class | [**MetalScrollButton**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollButton.html)            JButton object for Metal scrollbar arrows. |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.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 [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| 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. |
| class | [**JTableHeader**](http://docs.google.com/javax/swing/table/JTableHeader.html)            This is the object which manages the header of the JTable. |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.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 [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| class | [**JTextComponent**](http://docs.google.com/javax/swing/text/JTextComponent.html)            JTextComponent is the base class for swing text components. |

| Uses of [MenuContainer](http://docs.google.com/java/awt/MenuContainer.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 [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html) | |
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| class | [**DefaultTreeCellEditor.DefaultTextField**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.DefaultTextField.html)            TextField used when no editor is supplied. |
| class | [**DefaultTreeCellEditor.EditorContainer**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.EditorContainer.html)            Container responsible for placing the editingComponent. |
| 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/java/awt/MenuContainer.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?java/awt//class-useMenuContainer.html)    [**NO FRAMES**](http://docs.google.com/MenuContainer.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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