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

**Uses of Class**

**java.awt.HeadlessException**

| Packages that use [HeadlessException](http://docs.google.com/java/awt/HeadlessException.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. |
| [**java.awt.dnd**](#tyjcwt) | Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI. |
| [**java.awt.print**](#3dy6vkm) | Provides classes and interfaces for a general printing API. |
| [**javax.print**](#1t3h5sf) | Provides the principal classes and interfaces for the JavaTM Print Service API. |
| [**javax.swing**](#4d34og8) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |

| Uses of [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) in [java.applet](http://docs.google.com/java/applet/package-summary.html) | |
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| Constructors in [java.applet](http://docs.google.com/java/applet/package-summary.html) that throw [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) | |
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| [**Applet**](http://docs.google.com/java/applet/Applet.html#Applet())()            Constructs a new Applet. |

| Uses of [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
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| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that throw [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) | |
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| protected abstract  java.awt.peer.ButtonPeer | **Toolkit.**[**createButton**](http://docs.google.com/java/awt/Toolkit.html#createButton(java.awt.Button))([Button](http://docs.google.com/java/awt/Button.html) target)            Creates this toolkit's implementation of Button using the specified peer interface. |
| protected abstract  java.awt.peer.CheckboxPeer | **Toolkit.**[**createCheckbox**](http://docs.google.com/java/awt/Toolkit.html#createCheckbox(java.awt.Checkbox))([Checkbox](http://docs.google.com/java/awt/Checkbox.html) target)            Creates this toolkit's implementation of Checkbox using the specified peer interface. |
| protected abstract  java.awt.peer.CheckboxMenuItemPeer | **Toolkit.**[**createCheckboxMenuItem**](http://docs.google.com/java/awt/Toolkit.html#createCheckboxMenuItem(java.awt.CheckboxMenuItem))([CheckboxMenuItem](http://docs.google.com/java/awt/CheckboxMenuItem.html) target)            Creates this toolkit's implementation of CheckboxMenuItem using the specified peer interface. |
| protected abstract  java.awt.peer.ChoicePeer | **Toolkit.**[**createChoice**](http://docs.google.com/java/awt/Toolkit.html#createChoice(java.awt.Choice))([Choice](http://docs.google.com/java/awt/Choice.html) target)            Creates this toolkit's implementation of Choice using the specified peer interface. |
| [Cursor](http://docs.google.com/java/awt/Cursor.html) | **Toolkit.**[**createCustomCursor**](http://docs.google.com/java/awt/Toolkit.html#createCustomCursor(java.awt.Image,%20java.awt.Point,%20java.lang.String))([Image](http://docs.google.com/java/awt/Image.html) cursor, [Point](http://docs.google.com/java/awt/Point.html) hotSpot, [String](http://docs.google.com/java/lang/String.html) name)            Creates a new custom cursor object. |
| protected abstract  java.awt.peer.DesktopPeer | **Toolkit.**[**createDesktopPeer**](http://docs.google.com/java/awt/Toolkit.html#createDesktopPeer(java.awt.Desktop))([Desktop](http://docs.google.com/java/awt/Desktop.html) target)            Creates this toolkit's implementation of the Desktop using the specified peer interface. |
| protected abstract  java.awt.peer.DialogPeer | **Toolkit.**[**createDialog**](http://docs.google.com/java/awt/Toolkit.html#createDialog(java.awt.Dialog))([Dialog](http://docs.google.com/java/awt/Dialog.html) target)            Creates this toolkit's implementation of Dialog using the specified peer interface. |
| protected abstract  java.awt.peer.FileDialogPeer | **Toolkit.**[**createFileDialog**](http://docs.google.com/java/awt/Toolkit.html#createFileDialog(java.awt.FileDialog))([FileDialog](http://docs.google.com/java/awt/FileDialog.html) target)            Creates this toolkit's implementation of FileDialog using the specified peer interface. |
| protected abstract  java.awt.peer.FramePeer | **Toolkit.**[**createFrame**](http://docs.google.com/java/awt/Toolkit.html#createFrame(java.awt.Frame))([Frame](http://docs.google.com/java/awt/Frame.html) target)            Creates this toolkit's implementation of Frame using the specified peer interface. |
| protected abstract  java.awt.peer.LabelPeer | **Toolkit.**[**createLabel**](http://docs.google.com/java/awt/Toolkit.html#createLabel(java.awt.Label))([Label](http://docs.google.com/java/awt/Label.html) target)            Creates this toolkit's implementation of Label using the specified peer interface. |
| protected abstract  java.awt.peer.ListPeer | **Toolkit.**[**createList**](http://docs.google.com/java/awt/Toolkit.html#createList(java.awt.List))([List](http://docs.google.com/java/awt/List.html) target)            Creates this toolkit's implementation of List using the specified peer interface. |
| protected abstract  java.awt.peer.MenuPeer | **Toolkit.**[**createMenu**](http://docs.google.com/java/awt/Toolkit.html#createMenu(java.awt.Menu))([Menu](http://docs.google.com/java/awt/Menu.html) target)            Creates this toolkit's implementation of Menu using the specified peer interface. |
| protected abstract  java.awt.peer.MenuBarPeer | **Toolkit.**[**createMenuBar**](http://docs.google.com/java/awt/Toolkit.html#createMenuBar(java.awt.MenuBar))([MenuBar](http://docs.google.com/java/awt/MenuBar.html) target)            Creates this toolkit's implementation of MenuBar using the specified peer interface. |
| protected abstract  java.awt.peer.MenuItemPeer | **Toolkit.**[**createMenuItem**](http://docs.google.com/java/awt/Toolkit.html#createMenuItem(java.awt.MenuItem))([MenuItem](http://docs.google.com/java/awt/MenuItem.html) target)            Creates this toolkit's implementation of MenuItem using the specified peer interface. |
| protected abstract  java.awt.peer.PopupMenuPeer | **Toolkit.**[**createPopupMenu**](http://docs.google.com/java/awt/Toolkit.html#createPopupMenu(java.awt.PopupMenu))([PopupMenu](http://docs.google.com/java/awt/PopupMenu.html) target)            Creates this toolkit's implementation of PopupMenu using the specified peer interface. |
| protected abstract  java.awt.peer.ScrollbarPeer | **Toolkit.**[**createScrollbar**](http://docs.google.com/java/awt/Toolkit.html#createScrollbar(java.awt.Scrollbar))([Scrollbar](http://docs.google.com/java/awt/Scrollbar.html) target)            Creates this toolkit's implementation of Scrollbar using the specified peer interface. |
| protected abstract  java.awt.peer.ScrollPanePeer | **Toolkit.**[**createScrollPane**](http://docs.google.com/java/awt/Toolkit.html#createScrollPane(java.awt.ScrollPane))([ScrollPane](http://docs.google.com/java/awt/ScrollPane.html) target)            Creates this toolkit's implementation of ScrollPane using the specified peer interface. |
| protected abstract  java.awt.peer.TextAreaPeer | **Toolkit.**[**createTextArea**](http://docs.google.com/java/awt/Toolkit.html#createTextArea(java.awt.TextArea))([TextArea](http://docs.google.com/java/awt/TextArea.html) target)            Creates this toolkit's implementation of TextArea using the specified peer interface. |
| protected abstract  java.awt.peer.TextFieldPeer | **Toolkit.**[**createTextField**](http://docs.google.com/java/awt/Toolkit.html#createTextField(java.awt.TextField))([TextField](http://docs.google.com/java/awt/TextField.html) target)            Creates this toolkit's implementation of TextField using the specified peer interface. |
| protected abstract  java.awt.peer.WindowPeer | **Toolkit.**[**createWindow**](http://docs.google.com/java/awt/Toolkit.html#createWindow(java.awt.Window))([Window](http://docs.google.com/java/awt/Window.html) target)            Creates this toolkit's implementation of Window using the specified peer interface. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Toolkit.**[**getBestCursorSize**](http://docs.google.com/java/awt/Toolkit.html#getBestCursorSize(int,%20int))(int preferredWidth, int preferredHeight)            Returns the supported cursor dimension which is closest to the desired sizes. |
| [Point](http://docs.google.com/java/awt/Point.html) | **GraphicsEnvironment.**[**getCenterPoint**](http://docs.google.com/java/awt/GraphicsEnvironment.html#getCenterPoint())()            Returns the Point where Windows should be centered. |
| abstract  [ColorModel](http://docs.google.com/java/awt/image/ColorModel.html) | **Toolkit.**[**getColorModel**](http://docs.google.com/java/awt/Toolkit.html#getColorModel())()            Determines the color model of this toolkit's screen. |
| abstract  [GraphicsDevice](http://docs.google.com/java/awt/GraphicsDevice.html) | **GraphicsEnvironment.**[**getDefaultScreenDevice**](http://docs.google.com/java/awt/GraphicsEnvironment.html#getDefaultScreenDevice())()            Returns the default screen GraphicsDevice. |
| int | **Toolkit.**[**getMaximumCursorColors**](http://docs.google.com/java/awt/Toolkit.html#getMaximumCursorColors())()            Returns the maximum number of colors the Toolkit supports in a custom cursor palette. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **GraphicsEnvironment.**[**getMaximumWindowBounds**](http://docs.google.com/java/awt/GraphicsEnvironment.html#getMaximumWindowBounds())()            Returns the maximum bounds for centered Windows. |
| int | **Toolkit.**[**getMenuShortcutKeyMask**](http://docs.google.com/java/awt/Toolkit.html#getMenuShortcutKeyMask())()            Determines which modifier key is the appropriate accelerator key for menu shortcuts. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.**[**getMousePosition**](http://docs.google.com/java/awt/Component.html#getMousePosition())()            Returns the position of the mouse pointer in this Component's coordinate space if the Component is directly under the mouse pointer, otherwise returns null. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Container.**[**getMousePosition**](http://docs.google.com/java/awt/Container.html#getMousePosition(boolean))(boolean allowChildren)            Returns the position of the mouse pointer in this Container's coordinate space if the Container is under the mouse pointer, otherwise returns null. |
| static int | **MouseInfo.**[**getNumberOfButtons**](http://docs.google.com/java/awt/MouseInfo.html#getNumberOfButtons())()            Returns the number of buttons on the mouse. |
| static [PointerInfo](http://docs.google.com/java/awt/PointerInfo.html) | **MouseInfo.**[**getPointerInfo**](http://docs.google.com/java/awt/MouseInfo.html#getPointerInfo())()            Returns a PointerInfo instance that represents the current location of the mouse pointer. |
| abstract  [GraphicsDevice](http://docs.google.com/java/awt/GraphicsDevice.html)[] | **GraphicsEnvironment.**[**getScreenDevices**](http://docs.google.com/java/awt/GraphicsEnvironment.html#getScreenDevices())()            Returns an array of all of the screen GraphicsDevice objects. |
| [Insets](http://docs.google.com/java/awt/Insets.html) | **Toolkit.**[**getScreenInsets**](http://docs.google.com/java/awt/Toolkit.html#getScreenInsets(java.awt.GraphicsConfiguration))([GraphicsConfiguration](http://docs.google.com/java/awt/GraphicsConfiguration.html) gc)            Gets the insets of the screen. |
| abstract  int | **Toolkit.**[**getScreenResolution**](http://docs.google.com/java/awt/Toolkit.html#getScreenResolution())()            Returns the screen resolution in dots-per-inch. |
| abstract  [Dimension](http://docs.google.com/java/awt/Dimension.html) | **Toolkit.**[**getScreenSize**](http://docs.google.com/java/awt/Toolkit.html#getScreenSize())()            Gets the size of the screen. |
| abstract  [Clipboard](http://docs.google.com/java/awt/datatransfer/Clipboard.html) | **Toolkit.**[**getSystemClipboard**](http://docs.google.com/java/awt/Toolkit.html#getSystemClipboard())()            Gets the singleton instance of the system Clipboard which interfaces with clipboard facilities provided by the native platform. |
| static [Cursor](http://docs.google.com/java/awt/Cursor.html) | **Cursor.**[**getSystemCustomCursor**](http://docs.google.com/java/awt/Cursor.html#getSystemCustomCursor(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns a system-specific custom cursor object matching the specified name. |
| [Clipboard](http://docs.google.com/java/awt/datatransfer/Clipboard.html) | **Toolkit.**[**getSystemSelection**](http://docs.google.com/java/awt/Toolkit.html#getSystemSelection())()            Gets the singleton instance of the system selection as a Clipboard object. |
| boolean | **Toolkit.**[**isDynamicLayoutActive**](http://docs.google.com/java/awt/Toolkit.html#isDynamicLayoutActive())()            Returns whether dynamic layout of Containers on resize is currently active (both set programmatically, and supported by the underlying operating system and/or window manager). |
| protected  boolean | **Toolkit.**[**isDynamicLayoutSet**](http://docs.google.com/java/awt/Toolkit.html#isDynamicLayoutSet())()            Returns whether the layout of Containers is validated dynamically during resizing, or statically, after resizing is complete. |
| boolean | **Toolkit.**[**isFrameStateSupported**](http://docs.google.com/java/awt/Toolkit.html#isFrameStateSupported(int))(int state)            Returns whether Toolkit supports this state for Frames. |
| protected  void | **Toolkit.**[**loadSystemColors**](http://docs.google.com/java/awt/Toolkit.html#loadSystemColors(int%5B%5D))(int[] systemColors)            Fills in the integer array that is supplied as an argument with the current system color values. |
| abstract  [Map](http://docs.google.com/java/util/Map.html)<[TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html),?> | **Toolkit.**[**mapInputMethodHighlight**](http://docs.google.com/java/awt/Toolkit.html#mapInputMethodHighlight(java.awt.im.InputMethodHighlight))([InputMethodHighlight](http://docs.google.com/java/awt/im/InputMethodHighlight.html) highlight)            Returns a map of visual attributes for the abstract level description of the given input method highlight, or null if no mapping is found. |
| void | **Toolkit.**[**setDynamicLayout**](http://docs.google.com/java/awt/Toolkit.html#setDynamicLayout(boolean))(boolean dynamic)            Controls whether the layout of Containers is validated dynamically during resizing, or statically, after resizing is complete. |

| Constructors in [java.awt](http://docs.google.com/java/awt/package-summary.html) that throw [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) | |
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| [**Button**](http://docs.google.com/java/awt/Button.html#Button())()            Constructs a button with an empty string for its label. |
| [**Button**](http://docs.google.com/java/awt/Button.html#Button(java.lang.String))([String](http://docs.google.com/java/lang/String.html) label)            Constructs a button with the specified label. |
| [**Checkbox**](http://docs.google.com/java/awt/Checkbox.html#Checkbox())()            Creates a check box with an empty string for its label. |
| [**Checkbox**](http://docs.google.com/java/awt/Checkbox.html#Checkbox(java.lang.String))([String](http://docs.google.com/java/lang/String.html) label)            Creates a check box with the specified label. |
| [**Checkbox**](http://docs.google.com/java/awt/Checkbox.html#Checkbox(java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) label, boolean state)            Creates a check box with the specified label and sets the specified state. |
| [**Checkbox**](http://docs.google.com/java/awt/Checkbox.html#Checkbox(java.lang.String,%20boolean,%20java.awt.CheckboxGroup))([String](http://docs.google.com/java/lang/String.html) label, boolean state, [CheckboxGroup](http://docs.google.com/java/awt/CheckboxGroup.html) group)            Constructs a Checkbox with the specified label, set to the specified state, and in the specified check box group. |
| [**Checkbox**](http://docs.google.com/java/awt/Checkbox.html#Checkbox(java.lang.String,%20java.awt.CheckboxGroup,%20boolean))([String](http://docs.google.com/java/lang/String.html) label, [CheckboxGroup](http://docs.google.com/java/awt/CheckboxGroup.html) group, boolean state)            Creates a check box with the specified label, in the specified check box group, and set to the specified state. |
| [**CheckboxMenuItem**](http://docs.google.com/java/awt/CheckboxMenuItem.html#CheckboxMenuItem())()            Create a check box menu item with an empty label. |
| [**CheckboxMenuItem**](http://docs.google.com/java/awt/CheckboxMenuItem.html#CheckboxMenuItem(java.lang.String))([String](http://docs.google.com/java/lang/String.html) label)            Create a check box menu item with the specified label. |
| [**CheckboxMenuItem**](http://docs.google.com/java/awt/CheckboxMenuItem.html#CheckboxMenuItem(java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) label, boolean state)            Create a check box menu item with the specified label and state. |
| [**Choice**](http://docs.google.com/java/awt/Choice.html#Choice())()            Creates a new choice menu. |
| [**Frame**](http://docs.google.com/java/awt/Frame.html#Frame())()            Constructs a new instance of Frame that is initially invisible. |
| [**Frame**](http://docs.google.com/java/awt/Frame.html#Frame(java.lang.String))([String](http://docs.google.com/java/lang/String.html) title)            Constructs a new, initially invisible Frame object with the specified title. |
| [**Label**](http://docs.google.com/java/awt/Label.html#Label())()            Constructs an empty label. |
| [**Label**](http://docs.google.com/java/awt/Label.html#Label(java.lang.String))([String](http://docs.google.com/java/lang/String.html) text)            Constructs a new label with the specified string of text, left justified. |
| [**Label**](http://docs.google.com/java/awt/Label.html#Label(java.lang.String,%20int))([String](http://docs.google.com/java/lang/String.html) text, int alignment)            Constructs a new label that presents the specified string of text with the specified alignment. |
| [**List**](http://docs.google.com/java/awt/List.html#List())()            Creates a new scrolling list. |
| [**List**](http://docs.google.com/java/awt/List.html#List(int))(int rows)            Creates a new scrolling list initialized with the specified number of visible lines. |
| [**List**](http://docs.google.com/java/awt/List.html#List(int,%20boolean))(int rows, boolean multipleMode)            Creates a new scrolling list initialized to display the specified number of rows. |
| [**Menu**](http://docs.google.com/java/awt/Menu.html#Menu())()            Constructs a new menu with an empty label. |
| [**Menu**](http://docs.google.com/java/awt/Menu.html#Menu(java.lang.String))([String](http://docs.google.com/java/lang/String.html) label)            Constructs a new menu with the specified label. |
| [**Menu**](http://docs.google.com/java/awt/Menu.html#Menu(java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) label, boolean tearOff)            Constructs a new menu with the specified label, indicating whether the menu can be torn off. |
| [**MenuBar**](http://docs.google.com/java/awt/MenuBar.html#MenuBar())()            Creates a new menu bar. |
| [**MenuComponent**](http://docs.google.com/java/awt/MenuComponent.html#MenuComponent())()            Creates a MenuComponent. |
| [**MenuItem**](http://docs.google.com/java/awt/MenuItem.html#MenuItem())()            Constructs a new MenuItem with an empty label and no keyboard shortcut. |
| [**MenuItem**](http://docs.google.com/java/awt/MenuItem.html#MenuItem(java.lang.String))([String](http://docs.google.com/java/lang/String.html) label)            Constructs a new MenuItem with the specified label and no keyboard shortcut. |
| [**MenuItem**](http://docs.google.com/java/awt/MenuItem.html#MenuItem(java.lang.String,%20java.awt.MenuShortcut))([String](http://docs.google.com/java/lang/String.html) label, [MenuShortcut](http://docs.google.com/java/awt/MenuShortcut.html) s)            Create a menu item with an associated keyboard shortcut. |
| [**PopupMenu**](http://docs.google.com/java/awt/PopupMenu.html#PopupMenu())()            Creates a new popup menu with an empty name. |
| [**PopupMenu**](http://docs.google.com/java/awt/PopupMenu.html#PopupMenu(java.lang.String))([String](http://docs.google.com/java/lang/String.html) label)            Creates a new popup menu with the specified name. |
| [**Scrollbar**](http://docs.google.com/java/awt/Scrollbar.html#Scrollbar())()            Constructs a new vertical scroll bar. |
| [**Scrollbar**](http://docs.google.com/java/awt/Scrollbar.html#Scrollbar(int))(int orientation)            Constructs a new scroll bar with the specified orientation. |
| [**Scrollbar**](http://docs.google.com/java/awt/Scrollbar.html#Scrollbar(int,%20int,%20int,%20int,%20int))(int orientation, int value, int visible, int minimum, int maximum)            Constructs a new scroll bar with the specified orientation, initial value, visible amount, and minimum and maximum values. |
| [**ScrollPane**](http://docs.google.com/java/awt/ScrollPane.html#ScrollPane())()            Create a new scrollpane container with a scrollbar display policy of "as needed". |
| [**ScrollPane**](http://docs.google.com/java/awt/ScrollPane.html#ScrollPane(int))(int scrollbarDisplayPolicy)            Create a new scrollpane container. |
| [**TextArea**](http://docs.google.com/java/awt/TextArea.html#TextArea())()            Constructs a new text area with the empty string as text. |
| [**TextArea**](http://docs.google.com/java/awt/TextArea.html#TextArea(int,%20int))(int rows, int columns)            Constructs a new text area with the specified number of rows and columns and the empty string as text. |
| [**TextArea**](http://docs.google.com/java/awt/TextArea.html#TextArea(java.lang.String))([String](http://docs.google.com/java/lang/String.html) text)            Constructs a new text area with the specified text. |
| [**TextArea**](http://docs.google.com/java/awt/TextArea.html#TextArea(java.lang.String,%20int,%20int))([String](http://docs.google.com/java/lang/String.html) text, int rows, int columns)            Constructs a new text area with the specified text, and with the specified number of rows and columns. |
| [**TextArea**](http://docs.google.com/java/awt/TextArea.html#TextArea(java.lang.String,%20int,%20int,%20int))([String](http://docs.google.com/java/lang/String.html) text, int rows, int columns, int scrollbars)            Constructs a new text area with the specified text, and with the rows, columns, and scroll bar visibility as specified. |
| [**TextField**](http://docs.google.com/java/awt/TextField.html#TextField())()            Constructs a new text field. |
| [**TextField**](http://docs.google.com/java/awt/TextField.html#TextField(int))(int columns)            Constructs a new empty text field with the specified number of columns. |
| [**TextField**](http://docs.google.com/java/awt/TextField.html#TextField(java.lang.String))([String](http://docs.google.com/java/lang/String.html) text)            Constructs a new text field initialized with the specified text. |
| [**TextField**](http://docs.google.com/java/awt/TextField.html#TextField(java.lang.String,%20int))([String](http://docs.google.com/java/lang/String.html) text, int columns)            Constructs a new text field initialized with the specified text to be displayed, and wide enough to hold the specified number of columns. |

| Uses of [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) | |
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| Constructors in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) that throw [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) | |
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| [**DragSource**](http://docs.google.com/java/awt/dnd/DragSource.html#DragSource())()            Creates a new DragSource. |
| [**DropTarget**](http://docs.google.com/java/awt/dnd/DropTarget.html#DropTarget())()            Creates a DropTarget. |
| [**DropTarget**](http://docs.google.com/java/awt/dnd/DropTarget.html#DropTarget(java.awt.Component,%20java.awt.dnd.DropTargetListener))([Component](http://docs.google.com/java/awt/Component.html) c, [DropTargetListener](http://docs.google.com/java/awt/dnd/DropTargetListener.html) dtl)            Creates a DropTarget given the Component to associate itself with, and the DropTargetListener to handle event processing. |
| [**DropTarget**](http://docs.google.com/java/awt/dnd/DropTarget.html#DropTarget(java.awt.Component,%20int,%20java.awt.dnd.DropTargetListener))([Component](http://docs.google.com/java/awt/Component.html) c, int ops, [DropTargetListener](http://docs.google.com/java/awt/dnd/DropTargetListener.html) dtl)            Creates a DropTarget given the Component to associate itself with, an int representing the default acceptable action(s) to support, and a DropTargetListener to handle event processing. |
| [**DropTarget**](http://docs.google.com/java/awt/dnd/DropTarget.html#DropTarget(java.awt.Component,%20int,%20java.awt.dnd.DropTargetListener,%20boolean))([Component](http://docs.google.com/java/awt/Component.html) c, int ops, [DropTargetListener](http://docs.google.com/java/awt/dnd/DropTargetListener.html) dtl, boolean act)            Creates a DropTarget given the Component to associate itself with, an int representing the default acceptable action(s) to support, a DropTargetListener to handle event processing, and a boolean indicating if the DropTarget is currently accepting drops. |
| [**DropTarget**](http://docs.google.com/java/awt/dnd/DropTarget.html#DropTarget(java.awt.Component,%20int,%20java.awt.dnd.DropTargetListener,%20boolean,%20java.awt.datatransfer.FlavorMap))([Component](http://docs.google.com/java/awt/Component.html) c, int ops, [DropTargetListener](http://docs.google.com/java/awt/dnd/DropTargetListener.html) dtl, boolean act, [FlavorMap](http://docs.google.com/java/awt/datatransfer/FlavorMap.html) fm)            Creates a new DropTarget given the Component to associate itself with, an int representing the default acceptable action(s) to support, a DropTargetListener to handle event processing, a boolean indicating if the DropTarget is currently accepting drops, and a FlavorMap to use (or null for the default FlavorMap). |

| Uses of [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) in [java.awt.print](http://docs.google.com/java/awt/print/package-summary.html) | |
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| Methods in [java.awt.print](http://docs.google.com/java/awt/print/package-summary.html) that throw [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) | |
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| abstract  [PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) | **PrinterJob.**[**pageDialog**](http://docs.google.com/java/awt/print/PrinterJob.html#pageDialog(java.awt.print.PageFormat))([PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) page)            Displays a dialog that allows modification of a PageFormat instance. |
| [PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) | **PrinterJob.**[**pageDialog**](http://docs.google.com/java/awt/print/PrinterJob.html#pageDialog(javax.print.attribute.PrintRequestAttributeSet))([PrintRequestAttributeSet](http://docs.google.com/javax/print/attribute/PrintRequestAttributeSet.html) attributes)            A convenience method which displays a cross-platform page setup dialog. |
| abstract  boolean | **PrinterJob.**[**printDialog**](http://docs.google.com/java/awt/print/PrinterJob.html#printDialog())()            Presents a dialog to the user for changing the properties of the print job. |
| boolean | **PrinterJob.**[**printDialog**](http://docs.google.com/java/awt/print/PrinterJob.html#printDialog(javax.print.attribute.PrintRequestAttributeSet))([PrintRequestAttributeSet](http://docs.google.com/javax/print/attribute/PrintRequestAttributeSet.html) attributes)            A convenience method which displays a cross-platform print dialog for all services which are capable of printing 2D graphics using the Pageable interface. |

| Uses of [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) in [javax.print](http://docs.google.com/javax/print/package-summary.html) | |
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| Methods in [javax.print](http://docs.google.com/javax/print/package-summary.html) that throw [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) | |
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| static [PrintService](http://docs.google.com/javax/print/PrintService.html) | **ServiceUI.**[**printDialog**](http://docs.google.com/javax/print/ServiceUI.html#printDialog(java.awt.GraphicsConfiguration,%20int,%20int,%20javax.print.PrintService%5B%5D,%20javax.print.PrintService,%20javax.print.DocFlavor,%20javax.print.attribute.PrintRequestAttributeSet))([GraphicsConfiguration](http://docs.google.com/java/awt/GraphicsConfiguration.html) gc, int x, int y, [PrintService](http://docs.google.com/javax/print/PrintService.html)[] services, [PrintService](http://docs.google.com/javax/print/PrintService.html) defaultService, [DocFlavor](http://docs.google.com/javax/print/DocFlavor.html) flavor, [PrintRequestAttributeSet](http://docs.google.com/javax/print/attribute/PrintRequestAttributeSet.html) attributes)            Presents a dialog to the user for selecting a print service (printer). |

| Uses of [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that throw [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) | |
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| protected  [JDialog](http://docs.google.com/javax/swing/JDialog.html) | **JFileChooser.**[**createDialog**](http://docs.google.com/javax/swing/JFileChooser.html#createDialog(java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) parent)            Creates and returns a new JDialog wrapping this centered on the parent in the parent's frame. |
| [JDialog](http://docs.google.com/javax/swing/JDialog.html) | **JOptionPane.**[**createDialog**](http://docs.google.com/javax/swing/JOptionPane.html#createDialog(java.awt.Component,%20java.lang.String))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [String](http://docs.google.com/java/lang/String.html) title)            Creates and returns a new JDialog wrapping this centered on the parentComponent in the parentComponent's frame. |
| static [JDialog](http://docs.google.com/javax/swing/JDialog.html) | **JColorChooser.**[**createDialog**](http://docs.google.com/javax/swing/JColorChooser.html#createDialog(java.awt.Component,%20java.lang.String,%20boolean,%20javax.swing.JColorChooser,%20java.awt.event.ActionListener,%20java.awt.event.ActionListener))([Component](http://docs.google.com/java/awt/Component.html) c, [String](http://docs.google.com/java/lang/String.html) title, boolean modal, [JColorChooser](http://docs.google.com/javax/swing/JColorChooser.html) chooserPane, [ActionListener](http://docs.google.com/java/awt/event/ActionListener.html) okListener, [ActionListener](http://docs.google.com/java/awt/event/ActionListener.html) cancelListener)            Creates and returns a new dialog containing the specified ColorChooser pane along with "OK", "Cancel", and "Reset" buttons. |
| [JDialog](http://docs.google.com/javax/swing/JDialog.html) | **JOptionPane.**[**createDialog**](http://docs.google.com/javax/swing/JOptionPane.html#createDialog(java.lang.String))([String](http://docs.google.com/java/lang/String.html) title)            Creates and returns a new parentless JDialog with the specified title. |
| static [Frame](http://docs.google.com/java/awt/Frame.html) | **JOptionPane.**[**getFrameForComponent**](http://docs.google.com/javax/swing/JOptionPane.html#getFrameForComponent(java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) parentComponent)            Returns the specified component's Frame. |
| static [Frame](http://docs.google.com/java/awt/Frame.html) | **JOptionPane.**[**getRootFrame**](http://docs.google.com/javax/swing/JOptionPane.html#getRootFrame())()            Returns the Frame to use for the class methods in which a frame is not provided. |
| boolean | **JTable.**[**print**](http://docs.google.com/javax/swing/JTable.html#print(javax.swing.JTable.PrintMode,%20java.text.MessageFormat,%20java.text.MessageFormat,%20boolean,%20javax.print.attribute.PrintRequestAttributeSet,%20boolean))([JTable.PrintMode](http://docs.google.com/javax/swing/JTable.PrintMode.html) printMode, [MessageFormat](http://docs.google.com/java/text/MessageFormat.html) headerFormat, [MessageFormat](http://docs.google.com/java/text/MessageFormat.html) footerFormat, boolean showPrintDialog, [PrintRequestAttributeSet](http://docs.google.com/javax/print/attribute/PrintRequestAttributeSet.html) attr, boolean interactive)            Prints this table, as specified by the fully featured [print](http://docs.google.com/javax/swing/JTable.html#print(javax.swing.JTable.PrintMode,%20java.text.MessageFormat,%20java.text.MessageFormat,%20boolean,%20javax.print.attribute.PrintRequestAttributeSet,%20boolean,%20javax.print.PrintService)) method, with the default printer specified as the print service. |
| boolean | **JTable.**[**print**](http://docs.google.com/javax/swing/JTable.html#print(javax.swing.JTable.PrintMode,%20java.text.MessageFormat,%20java.text.MessageFormat,%20boolean,%20javax.print.attribute.PrintRequestAttributeSet,%20boolean,%20javax.print.PrintService))([JTable.PrintMode](http://docs.google.com/javax/swing/JTable.PrintMode.html) printMode, [MessageFormat](http://docs.google.com/java/text/MessageFormat.html) headerFormat, [MessageFormat](http://docs.google.com/java/text/MessageFormat.html) footerFormat, boolean showPrintDialog, [PrintRequestAttributeSet](http://docs.google.com/javax/print/attribute/PrintRequestAttributeSet.html) attr, boolean interactive, [PrintService](http://docs.google.com/javax/print/PrintService.html) service)            Prints this JTable. |
| static int | **JOptionPane.**[**showConfirmDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showConfirmDialog(java.awt.Component,%20java.lang.Object))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message)            Brings up a dialog with the options *Yes*, *No* and *Cancel*; with the title, **Select an Option**. |
| static int | **JOptionPane.**[**showConfirmDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showConfirmDialog(java.awt.Component,%20java.lang.Object,%20java.lang.String,%20int))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [String](http://docs.google.com/java/lang/String.html) title, int optionType)            Brings up a dialog where the number of choices is determined by the optionType parameter. |
| static int | **JOptionPane.**[**showConfirmDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showConfirmDialog(java.awt.Component,%20java.lang.Object,%20java.lang.String,%20int,%20int))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [String](http://docs.google.com/java/lang/String.html) title, int optionType, int messageType)            Brings up a dialog where the number of choices is determined by the optionType parameter, where the messageType parameter determines the icon to display. |
| static int | **JOptionPane.**[**showConfirmDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showConfirmDialog(java.awt.Component,%20java.lang.Object,%20java.lang.String,%20int,%20int,%20javax.swing.Icon))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [String](http://docs.google.com/java/lang/String.html) title, int optionType, int messageType, [Icon](http://docs.google.com/javax/swing/Icon.html) icon)            Brings up a dialog with a specified icon, where the number of choices is determined by the optionType parameter. |
| int | **JFileChooser.**[**showDialog**](http://docs.google.com/javax/swing/JFileChooser.html#showDialog(java.awt.Component,%20java.lang.String))([Component](http://docs.google.com/java/awt/Component.html) parent, [String](http://docs.google.com/java/lang/String.html) approveButtonText)            Pops a custom file chooser dialog with a custom approve button. |
| static [Color](http://docs.google.com/java/awt/Color.html) | **JColorChooser.**[**showDialog**](http://docs.google.com/javax/swing/JColorChooser.html#showDialog(java.awt.Component,%20java.lang.String,%20java.awt.Color))([Component](http://docs.google.com/java/awt/Component.html) component, [String](http://docs.google.com/java/lang/String.html) title, [Color](http://docs.google.com/java/awt/Color.html) initialColor)            Shows a modal color-chooser dialog and blocks until the dialog is hidden. |
| static [String](http://docs.google.com/java/lang/String.html) | **JOptionPane.**[**showInputDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showInputDialog(java.awt.Component,%20java.lang.Object))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message)            Shows a question-message dialog requesting input from the user parented to parentComponent. |
| static [String](http://docs.google.com/java/lang/String.html) | **JOptionPane.**[**showInputDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showInputDialog(java.awt.Component,%20java.lang.Object,%20java.lang.String,%20int))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [String](http://docs.google.com/java/lang/String.html) title, int messageType)            Shows a dialog requesting input from the user parented to parentComponent with the dialog having the title title and message type messageType. |
| static [Object](http://docs.google.com/java/lang/Object.html) | **JOptionPane.**[**showInputDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showInputDialog(java.awt.Component,%20java.lang.Object,%20java.lang.String,%20int,%20javax.swing.Icon,%20java.lang.Object%5B%5D,%20java.lang.Object))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [String](http://docs.google.com/java/lang/String.html) title, int messageType, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, [Object](http://docs.google.com/java/lang/Object.html)[] selectionValues, [Object](http://docs.google.com/java/lang/Object.html) initialSelectionValue)            Prompts the user for input in a blocking dialog where the initial selection, possible selections, and all other options can be specified. |
| static [String](http://docs.google.com/java/lang/String.html) | **JOptionPane.**[**showInputDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showInputDialog(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) message)            Shows a question-message dialog requesting input from the user. |
| static void | **JOptionPane.**[**showMessageDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showMessageDialog(java.awt.Component,%20java.lang.Object))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message)            Brings up an information-message dialog titled "Message". |
| static void | **JOptionPane.**[**showMessageDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showMessageDialog(java.awt.Component,%20java.lang.Object,%20java.lang.String,%20int))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [String](http://docs.google.com/java/lang/String.html) title, int messageType)            Brings up a dialog that displays a message using a default icon determined by the messageType parameter. |
| static void | **JOptionPane.**[**showMessageDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showMessageDialog(java.awt.Component,%20java.lang.Object,%20java.lang.String,%20int,%20javax.swing.Icon))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [String](http://docs.google.com/java/lang/String.html) title, int messageType, [Icon](http://docs.google.com/javax/swing/Icon.html) icon)            Brings up a dialog displaying a message, specifying all parameters. |
| int | **JFileChooser.**[**showOpenDialog**](http://docs.google.com/javax/swing/JFileChooser.html#showOpenDialog(java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) parent)            Pops up an "Open File" file chooser dialog. |
| static int | **JOptionPane.**[**showOptionDialog**](http://docs.google.com/javax/swing/JOptionPane.html#showOptionDialog(java.awt.Component,%20java.lang.Object,%20java.lang.String,%20int,%20int,%20javax.swing.Icon,%20java.lang.Object%5B%5D,%20java.lang.Object))([Component](http://docs.google.com/java/awt/Component.html) parentComponent, [Object](http://docs.google.com/java/lang/Object.html) message, [String](http://docs.google.com/java/lang/String.html) title, int optionType, int messageType, [Icon](http://docs.google.com/javax/swing/Icon.html) icon, [Object](http://docs.google.com/java/lang/Object.html)[] options, [Object](http://docs.google.com/java/lang/Object.html) initialValue)            Brings up a dialog with a specified icon, where the initial choice is determined by the initialValue parameter and the number of choices is determined by the optionType parameter. |
| int | **JFileChooser.**[**showSaveDialog**](http://docs.google.com/javax/swing/JFileChooser.html#showSaveDialog(java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) parent)            Pops up a "Save File" file chooser dialog. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that throw [HeadlessException](http://docs.google.com/java/awt/HeadlessException.html) | |
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| [**JApplet**](http://docs.google.com/javax/swing/JApplet.html#JApplet())()            Creates a swing applet instance. |
| [**JFrame**](http://docs.google.com/javax/swing/JFrame.html#JFrame())()            Constructs a new frame that is initially invisible. |
| [**JFrame**](http://docs.google.com/javax/swing/JFrame.html#JFrame(java.lang.String))([String](http://docs.google.com/java/lang/String.html) title)            Creates a new, initially invisible Frame with the specified title. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/HeadlessException.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?java/awt//class-useHeadlessException.html)    [**NO FRAMES**](http://docs.google.com/HeadlessException.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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