| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileDialog.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/java/awt/EventQueue.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/FlowLayout.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/FileDialog.html)    [**NO FRAMES**](http://docs.google.com/FileDialog.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [METHOD](#lnxbz9) | DETAIL: [FIELD](#3j2qqm3) | [CONSTR](#2xcytpi) | [METHOD](#49x2ik5) |

## **java.awt**

Class FileDialog

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.awt.Component](http://docs.google.com/java/awt/Component.html)  
 [java.awt.Container](http://docs.google.com/java/awt/Container.html)  
 [java.awt.Window](http://docs.google.com/java/awt/Window.html)  
 [java.awt.Dialog](http://docs.google.com/java/awt/Dialog.html)  
 **java.awt.FileDialog**

**All Implemented Interfaces:** [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html), [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html), [Serializable](http://docs.google.com/java/io/Serializable.html), [Accessible](http://docs.google.com/javax/accessibility/Accessible.html)

public class **FileDialog**extends [Dialog](http://docs.google.com/java/awt/Dialog.html)

The FileDialog class displays a dialog window from which the user can select a file.

Since it is a modal dialog, when the application calls its show method to display the dialog, it blocks the rest of the application until the user has chosen a file.

**Since:** JDK1.0 **See Also:**[Window.show()](http://docs.google.com/java/awt/Window.html#show()), [Serialized Form](http://docs.google.com/serialized-form.html#java.awt.FileDialog)

| **Nested Class Summary** | |
| --- | --- |

| **Nested classes/interfaces inherited from class java.awt.**[**Dialog**](http://docs.google.com/java/awt/Dialog.html) |
| --- |
| [Dialog.AccessibleAWTDialog](http://docs.google.com/java/awt/Dialog.AccessibleAWTDialog.html), [Dialog.ModalExclusionType](http://docs.google.com/java/awt/Dialog.ModalExclusionType.html), [Dialog.ModalityType](http://docs.google.com/java/awt/Dialog.ModalityType.html) |

| **Nested classes/interfaces inherited from class java.awt.**[**Window**](http://docs.google.com/java/awt/Window.html) |
| --- |
| [Window.AccessibleAWTWindow](http://docs.google.com/java/awt/Window.AccessibleAWTWindow.html) |

| **Nested classes/interfaces inherited from class java.awt.**[**Container**](http://docs.google.com/java/awt/Container.html) |
| --- |
| [Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html) |

| **Nested classes/interfaces inherited from class java.awt.**[**Component**](http://docs.google.com/java/awt/Component.html) |
| --- |
| [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html), [Component.BaselineResizeBehavior](http://docs.google.com/java/awt/Component.BaselineResizeBehavior.html), [Component.BltBufferStrategy](http://docs.google.com/java/awt/Component.BltBufferStrategy.html), [Component.FlipBufferStrategy](http://docs.google.com/java/awt/Component.FlipBufferStrategy.html) |

| **Field Summary** | |
| --- | --- |
| static int | [**LOAD**](http://docs.google.com/java/awt/FileDialog.html#LOAD)            This constant value indicates that the purpose of the file dialog window is to locate a file from which to read. |
| static int | [**SAVE**](http://docs.google.com/java/awt/FileDialog.html#SAVE)            This constant value indicates that the purpose of the file dialog window is to locate a file to which to write. |

| **Fields inherited from class java.awt.**[**Dialog**](http://docs.google.com/java/awt/Dialog.html) |
| --- |
| [DEFAULT\_MODALITY\_TYPE](http://docs.google.com/java/awt/Dialog.html#DEFAULT_MODALITY_TYPE) |

| **Fields inherited from class java.awt.**[**Component**](http://docs.google.com/java/awt/Component.html) |
| --- |
| [BOTTOM\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#BOTTOM_ALIGNMENT), [CENTER\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#CENTER_ALIGNMENT), [LEFT\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#LEFT_ALIGNMENT), [RIGHT\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#RIGHT_ALIGNMENT), [TOP\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#TOP_ALIGNMENT) |

| **Fields inherited from interface java.awt.image.**[**ImageObserver**](http://docs.google.com/java/awt/image/ImageObserver.html) |
| --- |
| [ABORT](http://docs.google.com/java/awt/image/ImageObserver.html#ABORT), [ALLBITS](http://docs.google.com/java/awt/image/ImageObserver.html#ALLBITS), [ERROR](http://docs.google.com/java/awt/image/ImageObserver.html#ERROR), [FRAMEBITS](http://docs.google.com/java/awt/image/ImageObserver.html#FRAMEBITS), [HEIGHT](http://docs.google.com/java/awt/image/ImageObserver.html#HEIGHT), [PROPERTIES](http://docs.google.com/java/awt/image/ImageObserver.html#PROPERTIES), [SOMEBITS](http://docs.google.com/java/awt/image/ImageObserver.html#SOMEBITS), [WIDTH](http://docs.google.com/java/awt/image/ImageObserver.html#WIDTH) |

| **Constructor Summary** | |
| --- | --- |
| [**FileDialog**](http://docs.google.com/java/awt/FileDialog.html#FileDialog(java.awt.Dialog))([Dialog](http://docs.google.com/java/awt/Dialog.html) parent)            Creates a file dialog for loading a file. |
| [**FileDialog**](http://docs.google.com/java/awt/FileDialog.html#FileDialog(java.awt.Dialog,%20java.lang.String))([Dialog](http://docs.google.com/java/awt/Dialog.html) parent, [String](http://docs.google.com/java/lang/String.html) title)            Creates a file dialog window with the specified title for loading a file. |
| [**FileDialog**](http://docs.google.com/java/awt/FileDialog.html#FileDialog(java.awt.Dialog,%20java.lang.String,%20int))([Dialog](http://docs.google.com/java/awt/Dialog.html) parent, [String](http://docs.google.com/java/lang/String.html) title, int mode)            Creates a file dialog window with the specified title for loading or saving a file. |
| [**FileDialog**](http://docs.google.com/java/awt/FileDialog.html#FileDialog(java.awt.Frame))([Frame](http://docs.google.com/java/awt/Frame.html) parent)            Creates a file dialog for loading a file. |
| [**FileDialog**](http://docs.google.com/java/awt/FileDialog.html#FileDialog(java.awt.Frame,%20java.lang.String))([Frame](http://docs.google.com/java/awt/Frame.html) parent, [String](http://docs.google.com/java/lang/String.html) title)            Creates a file dialog window with the specified title for loading a file. |
| [**FileDialog**](http://docs.google.com/java/awt/FileDialog.html#FileDialog(java.awt.Frame,%20java.lang.String,%20int))([Frame](http://docs.google.com/java/awt/Frame.html) parent, [String](http://docs.google.com/java/lang/String.html) title, int mode)            Creates a file dialog window with the specified title for loading or saving a file. |

| **Method Summary** | |
| --- | --- |
| void | [**addNotify**](http://docs.google.com/java/awt/FileDialog.html#addNotify())()            Creates the file dialog's peer. |
| [String](http://docs.google.com/java/lang/String.html) | [**getDirectory**](http://docs.google.com/java/awt/FileDialog.html#getDirectory())()            Gets the directory of this file dialog. |
| [String](http://docs.google.com/java/lang/String.html) | [**getFile**](http://docs.google.com/java/awt/FileDialog.html#getFile())()            Gets the selected file of this file dialog. |
| [FilenameFilter](http://docs.google.com/java/io/FilenameFilter.html) | [**getFilenameFilter**](http://docs.google.com/java/awt/FileDialog.html#getFilenameFilter())()            Determines this file dialog's filename filter. |
| int | [**getMode**](http://docs.google.com/java/awt/FileDialog.html#getMode())()            Indicates whether this file dialog box is for loading from a file or for saving to a file. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**paramString**](http://docs.google.com/java/awt/FileDialog.html#paramString())()            Returns a string representing the state of this FileDialog window. |
| void | [**setDirectory**](http://docs.google.com/java/awt/FileDialog.html#setDirectory(java.lang.String))([String](http://docs.google.com/java/lang/String.html) dir)            Sets the directory of this file dialog window to be the specified directory. |
| void | [**setFile**](http://docs.google.com/java/awt/FileDialog.html#setFile(java.lang.String))([String](http://docs.google.com/java/lang/String.html) file)            Sets the selected file for this file dialog window to be the specified file. |
| void | [**setFilenameFilter**](http://docs.google.com/java/awt/FileDialog.html#setFilenameFilter(java.io.FilenameFilter))([FilenameFilter](http://docs.google.com/java/io/FilenameFilter.html) filter)            Sets the filename filter for this file dialog window to the specified filter. |
| void | [**setMode**](http://docs.google.com/java/awt/FileDialog.html#setMode(int))(int mode)            Sets the mode of the file dialog. |

| **Methods inherited from class java.awt.**[**Dialog**](http://docs.google.com/java/awt/Dialog.html) |
| --- |
| [getAccessibleContext](http://docs.google.com/java/awt/Dialog.html#getAccessibleContext()), [getModalityType](http://docs.google.com/java/awt/Dialog.html#getModalityType()), [getTitle](http://docs.google.com/java/awt/Dialog.html#getTitle()), [hide](http://docs.google.com/java/awt/Dialog.html#hide()), [isModal](http://docs.google.com/java/awt/Dialog.html#isModal()), [isResizable](http://docs.google.com/java/awt/Dialog.html#isResizable()), [isUndecorated](http://docs.google.com/java/awt/Dialog.html#isUndecorated()), [setModal](http://docs.google.com/java/awt/Dialog.html#setModal(boolean)), [setModalityType](http://docs.google.com/java/awt/Dialog.html#setModalityType(java.awt.Dialog.ModalityType)), [setResizable](http://docs.google.com/java/awt/Dialog.html#setResizable(boolean)), [setTitle](http://docs.google.com/java/awt/Dialog.html#setTitle(java.lang.String)), [setUndecorated](http://docs.google.com/java/awt/Dialog.html#setUndecorated(boolean)), [setVisible](http://docs.google.com/java/awt/Dialog.html#setVisible(boolean)), [show](http://docs.google.com/java/awt/Dialog.html#show()), [toBack](http://docs.google.com/java/awt/Dialog.html#toBack()) |

| **Methods inherited from class java.awt.**[**Window**](http://docs.google.com/java/awt/Window.html) |
| --- |
| [addPropertyChangeListener](http://docs.google.com/java/awt/Window.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [addPropertyChangeListener](http://docs.google.com/java/awt/Window.html#addPropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)), [addWindowFocusListener](http://docs.google.com/java/awt/Window.html#addWindowFocusListener(java.awt.event.WindowFocusListener)), [addWindowListener](http://docs.google.com/java/awt/Window.html#addWindowListener(java.awt.event.WindowListener)), [addWindowStateListener](http://docs.google.com/java/awt/Window.html#addWindowStateListener(java.awt.event.WindowStateListener)), [applyResourceBundle](http://docs.google.com/java/awt/Window.html#applyResourceBundle(java.util.ResourceBundle)), [applyResourceBundle](http://docs.google.com/java/awt/Window.html#applyResourceBundle(java.lang.String)), [createBufferStrategy](http://docs.google.com/java/awt/Window.html#createBufferStrategy(int)), [createBufferStrategy](http://docs.google.com/java/awt/Window.html#createBufferStrategy(int,%20java.awt.BufferCapabilities)), [dispose](http://docs.google.com/java/awt/Window.html#dispose()), [getBufferStrategy](http://docs.google.com/java/awt/Window.html#getBufferStrategy()), [getFocusableWindowState](http://docs.google.com/java/awt/Window.html#getFocusableWindowState()), [getFocusCycleRootAncestor](http://docs.google.com/java/awt/Window.html#getFocusCycleRootAncestor()), [getFocusOwner](http://docs.google.com/java/awt/Window.html#getFocusOwner()), [getFocusTraversalKeys](http://docs.google.com/java/awt/Window.html#getFocusTraversalKeys(int)), [getGraphicsConfiguration](http://docs.google.com/java/awt/Window.html#getGraphicsConfiguration()), [getIconImages](http://docs.google.com/java/awt/Window.html#getIconImages()), [getInputContext](http://docs.google.com/java/awt/Window.html#getInputContext()), [getListeners](http://docs.google.com/java/awt/Window.html#getListeners(java.lang.Class)), [getLocale](http://docs.google.com/java/awt/Window.html#getLocale()), [getModalExclusionType](http://docs.google.com/java/awt/Window.html#getModalExclusionType()), [getMostRecentFocusOwner](http://docs.google.com/java/awt/Window.html#getMostRecentFocusOwner()), [getOwnedWindows](http://docs.google.com/java/awt/Window.html#getOwnedWindows()), [getOwner](http://docs.google.com/java/awt/Window.html#getOwner()), [getOwnerlessWindows](http://docs.google.com/java/awt/Window.html#getOwnerlessWindows()), [getToolkit](http://docs.google.com/java/awt/Window.html#getToolkit()), [getWarningString](http://docs.google.com/java/awt/Window.html#getWarningString()), [getWindowFocusListeners](http://docs.google.com/java/awt/Window.html#getWindowFocusListeners()), [getWindowListeners](http://docs.google.com/java/awt/Window.html#getWindowListeners()), [getWindows](http://docs.google.com/java/awt/Window.html#getWindows()), [getWindowStateListeners](http://docs.google.com/java/awt/Window.html#getWindowStateListeners()), [isActive](http://docs.google.com/java/awt/Window.html#isActive()), [isAlwaysOnTop](http://docs.google.com/java/awt/Window.html#isAlwaysOnTop()), [isAlwaysOnTopSupported](http://docs.google.com/java/awt/Window.html#isAlwaysOnTopSupported()), [isFocusableWindow](http://docs.google.com/java/awt/Window.html#isFocusableWindow()), [isFocusCycleRoot](http://docs.google.com/java/awt/Window.html#isFocusCycleRoot()), [isFocused](http://docs.google.com/java/awt/Window.html#isFocused()), [isLocationByPlatform](http://docs.google.com/java/awt/Window.html#isLocationByPlatform()), [isShowing](http://docs.google.com/java/awt/Window.html#isShowing()), [pack](http://docs.google.com/java/awt/Window.html#pack()), [postEvent](http://docs.google.com/java/awt/Window.html#postEvent(java.awt.Event)), [processEvent](http://docs.google.com/java/awt/Window.html#processEvent(java.awt.AWTEvent)), [processWindowEvent](http://docs.google.com/java/awt/Window.html#processWindowEvent(java.awt.event.WindowEvent)), [processWindowFocusEvent](http://docs.google.com/java/awt/Window.html#processWindowFocusEvent(java.awt.event.WindowEvent)), [processWindowStateEvent](http://docs.google.com/java/awt/Window.html#processWindowStateEvent(java.awt.event.WindowEvent)), [removeNotify](http://docs.google.com/java/awt/Window.html#removeNotify()), [removeWindowFocusListener](http://docs.google.com/java/awt/Window.html#removeWindowFocusListener(java.awt.event.WindowFocusListener)), [removeWindowListener](http://docs.google.com/java/awt/Window.html#removeWindowListener(java.awt.event.WindowListener)), [removeWindowStateListener](http://docs.google.com/java/awt/Window.html#removeWindowStateListener(java.awt.event.WindowStateListener)), [reshape](http://docs.google.com/java/awt/Window.html#reshape(int,%20int,%20int,%20int)), [setAlwaysOnTop](http://docs.google.com/java/awt/Window.html#setAlwaysOnTop(boolean)), [setBounds](http://docs.google.com/java/awt/Window.html#setBounds(int,%20int,%20int,%20int)), [setBounds](http://docs.google.com/java/awt/Window.html#setBounds(java.awt.Rectangle)), [setCursor](http://docs.google.com/java/awt/Window.html#setCursor(java.awt.Cursor)), [setFocusableWindowState](http://docs.google.com/java/awt/Window.html#setFocusableWindowState(boolean)), [setFocusCycleRoot](http://docs.google.com/java/awt/Window.html#setFocusCycleRoot(boolean)), [setIconImage](http://docs.google.com/java/awt/Window.html#setIconImage(java.awt.Image)), [setIconImages](http://docs.google.com/java/awt/Window.html#setIconImages(java.util.List)), [setLocationByPlatform](http://docs.google.com/java/awt/Window.html#setLocationByPlatform(boolean)), [setLocationRelativeTo](http://docs.google.com/java/awt/Window.html#setLocationRelativeTo(java.awt.Component)), [setMinimumSize](http://docs.google.com/java/awt/Window.html#setMinimumSize(java.awt.Dimension)), [setModalExclusionType](http://docs.google.com/java/awt/Window.html#setModalExclusionType(java.awt.Dialog.ModalExclusionType)), [setSize](http://docs.google.com/java/awt/Window.html#setSize(java.awt.Dimension)), [setSize](http://docs.google.com/java/awt/Window.html#setSize(int,%20int)), [toFront](http://docs.google.com/java/awt/Window.html#toFront()) |

| **Methods inherited from class java.awt.**[**Container**](http://docs.google.com/java/awt/Container.html) |
| --- |
| [add](http://docs.google.com/java/awt/Container.html#add(java.awt.Component)), [add](http://docs.google.com/java/awt/Container.html#add(java.awt.Component,%20int)), [add](http://docs.google.com/java/awt/Container.html#add(java.awt.Component,%20java.lang.Object)), [add](http://docs.google.com/java/awt/Container.html#add(java.awt.Component,%20java.lang.Object,%20int)), [add](http://docs.google.com/java/awt/Container.html#add(java.lang.String,%20java.awt.Component)), [addContainerListener](http://docs.google.com/java/awt/Container.html#addContainerListener(java.awt.event.ContainerListener)), [addImpl](http://docs.google.com/java/awt/Container.html#addImpl(java.awt.Component,%20java.lang.Object,%20int)), [applyComponentOrientation](http://docs.google.com/java/awt/Container.html#applyComponentOrientation(java.awt.ComponentOrientation)), [areFocusTraversalKeysSet](http://docs.google.com/java/awt/Container.html#areFocusTraversalKeysSet(int)), [countComponents](http://docs.google.com/java/awt/Container.html#countComponents()), [deliverEvent](http://docs.google.com/java/awt/Container.html#deliverEvent(java.awt.Event)), [doLayout](http://docs.google.com/java/awt/Container.html#doLayout()), [findComponentAt](http://docs.google.com/java/awt/Container.html#findComponentAt(int,%20int)), [findComponentAt](http://docs.google.com/java/awt/Container.html#findComponentAt(java.awt.Point)), [getAlignmentX](http://docs.google.com/java/awt/Container.html#getAlignmentX()), [getAlignmentY](http://docs.google.com/java/awt/Container.html#getAlignmentY()), [getComponent](http://docs.google.com/java/awt/Container.html#getComponent(int)), [getComponentAt](http://docs.google.com/java/awt/Container.html#getComponentAt(int,%20int)), [getComponentAt](http://docs.google.com/java/awt/Container.html#getComponentAt(java.awt.Point)), [getComponentCount](http://docs.google.com/java/awt/Container.html#getComponentCount()), [getComponents](http://docs.google.com/java/awt/Container.html#getComponents()), [getComponentZOrder](http://docs.google.com/java/awt/Container.html#getComponentZOrder(java.awt.Component)), [getContainerListeners](http://docs.google.com/java/awt/Container.html#getContainerListeners()), [getFocusTraversalPolicy](http://docs.google.com/java/awt/Container.html#getFocusTraversalPolicy()), [getInsets](http://docs.google.com/java/awt/Container.html#getInsets()), [getLayout](http://docs.google.com/java/awt/Container.html#getLayout()), [getMaximumSize](http://docs.google.com/java/awt/Container.html#getMaximumSize()), [getMinimumSize](http://docs.google.com/java/awt/Container.html#getMinimumSize()), [getMousePosition](http://docs.google.com/java/awt/Container.html#getMousePosition(boolean)), [getPreferredSize](http://docs.google.com/java/awt/Container.html#getPreferredSize()), [insets](http://docs.google.com/java/awt/Container.html#insets()), [invalidate](http://docs.google.com/java/awt/Container.html#invalidate()), [isAncestorOf](http://docs.google.com/java/awt/Container.html#isAncestorOf(java.awt.Component)), [isFocusCycleRoot](http://docs.google.com/java/awt/Container.html#isFocusCycleRoot(java.awt.Container)), [isFocusTraversalPolicyProvider](http://docs.google.com/java/awt/Container.html#isFocusTraversalPolicyProvider()), [isFocusTraversalPolicySet](http://docs.google.com/java/awt/Container.html#isFocusTraversalPolicySet()), [layout](http://docs.google.com/java/awt/Container.html#layout()), [list](http://docs.google.com/java/awt/Container.html#list(java.io.PrintStream,%20int)), [list](http://docs.google.com/java/awt/Container.html#list(java.io.PrintWriter,%20int)), [locate](http://docs.google.com/java/awt/Container.html#locate(int,%20int)), [minimumSize](http://docs.google.com/java/awt/Container.html#minimumSize()), [paint](http://docs.google.com/java/awt/Container.html#paint(java.awt.Graphics)), [paintComponents](http://docs.google.com/java/awt/Container.html#paintComponents(java.awt.Graphics)), [preferredSize](http://docs.google.com/java/awt/Container.html#preferredSize()), [print](http://docs.google.com/java/awt/Container.html#print(java.awt.Graphics)), [printComponents](http://docs.google.com/java/awt/Container.html#printComponents(java.awt.Graphics)), [processContainerEvent](http://docs.google.com/java/awt/Container.html#processContainerEvent(java.awt.event.ContainerEvent)), [remove](http://docs.google.com/java/awt/Container.html#remove(java.awt.Component)), [remove](http://docs.google.com/java/awt/Container.html#remove(int)), [removeAll](http://docs.google.com/java/awt/Container.html#removeAll()), [removeContainerListener](http://docs.google.com/java/awt/Container.html#removeContainerListener(java.awt.event.ContainerListener)), [setComponentZOrder](http://docs.google.com/java/awt/Container.html#setComponentZOrder(java.awt.Component,%20int)), [setFocusTraversalKeys](http://docs.google.com/java/awt/Container.html#setFocusTraversalKeys(int,%20java.util.Set)), [setFocusTraversalPolicy](http://docs.google.com/java/awt/Container.html#setFocusTraversalPolicy(java.awt.FocusTraversalPolicy)), [setFocusTraversalPolicyProvider](http://docs.google.com/java/awt/Container.html#setFocusTraversalPolicyProvider(boolean)), [setFont](http://docs.google.com/java/awt/Container.html#setFont(java.awt.Font)), [setLayout](http://docs.google.com/java/awt/Container.html#setLayout(java.awt.LayoutManager)), [transferFocusBackward](http://docs.google.com/java/awt/Container.html#transferFocusBackward()), [transferFocusDownCycle](http://docs.google.com/java/awt/Container.html#transferFocusDownCycle()), [update](http://docs.google.com/java/awt/Container.html#update(java.awt.Graphics)), [validate](http://docs.google.com/java/awt/Container.html#validate()), [validateTree](http://docs.google.com/java/awt/Container.html#validateTree()) |

| **Methods inherited from class java.awt.**[**Component**](http://docs.google.com/java/awt/Component.html) |
| --- |
| [action](http://docs.google.com/java/awt/Component.html#action(java.awt.Event,%20java.lang.Object)), [add](http://docs.google.com/java/awt/Component.html#add(java.awt.PopupMenu)), [addComponentListener](http://docs.google.com/java/awt/Component.html#addComponentListener(java.awt.event.ComponentListener)), [addFocusListener](http://docs.google.com/java/awt/Component.html#addFocusListener(java.awt.event.FocusListener)), [addHierarchyBoundsListener](http://docs.google.com/java/awt/Component.html#addHierarchyBoundsListener(java.awt.event.HierarchyBoundsListener)), [addHierarchyListener](http://docs.google.com/java/awt/Component.html#addHierarchyListener(java.awt.event.HierarchyListener)), [addInputMethodListener](http://docs.google.com/java/awt/Component.html#addInputMethodListener(java.awt.event.InputMethodListener)), [addKeyListener](http://docs.google.com/java/awt/Component.html#addKeyListener(java.awt.event.KeyListener)), [addMouseListener](http://docs.google.com/java/awt/Component.html#addMouseListener(java.awt.event.MouseListener)), [addMouseMotionListener](http://docs.google.com/java/awt/Component.html#addMouseMotionListener(java.awt.event.MouseMotionListener)), [addMouseWheelListener](http://docs.google.com/java/awt/Component.html#addMouseWheelListener(java.awt.event.MouseWheelListener)), [bounds](http://docs.google.com/java/awt/Component.html#bounds()), [checkImage](http://docs.google.com/java/awt/Component.html#checkImage(java.awt.Image,%20java.awt.image.ImageObserver)), [checkImage](http://docs.google.com/java/awt/Component.html#checkImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver)), [coalesceEvents](http://docs.google.com/java/awt/Component.html#coalesceEvents(java.awt.AWTEvent,%20java.awt.AWTEvent)), [contains](http://docs.google.com/java/awt/Component.html#contains(int,%20int)), [contains](http://docs.google.com/java/awt/Component.html#contains(java.awt.Point)), [createImage](http://docs.google.com/java/awt/Component.html#createImage(java.awt.image.ImageProducer)), [createImage](http://docs.google.com/java/awt/Component.html#createImage(int,%20int)), [createVolatileImage](http://docs.google.com/java/awt/Component.html#createVolatileImage(int,%20int)), [createVolatileImage](http://docs.google.com/java/awt/Component.html#createVolatileImage(int,%20int,%20java.awt.ImageCapabilities)), [disable](http://docs.google.com/java/awt/Component.html#disable()), [disableEvents](http://docs.google.com/java/awt/Component.html#disableEvents(long)), [dispatchEvent](http://docs.google.com/java/awt/Component.html#dispatchEvent(java.awt.AWTEvent)), [enable](http://docs.google.com/java/awt/Component.html#enable()), [enable](http://docs.google.com/java/awt/Component.html#enable(boolean)), [enableEvents](http://docs.google.com/java/awt/Component.html#enableEvents(long)), [enableInputMethods](http://docs.google.com/java/awt/Component.html#enableInputMethods(boolean)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20boolean,%20boolean)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20byte,%20byte)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20char,%20char)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20double,%20double)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20float,%20float)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20int,%20int)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20long,%20long)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20short,%20short)), [getBackground](http://docs.google.com/java/awt/Component.html#getBackground()), [getBaseline](http://docs.google.com/java/awt/Component.html#getBaseline(int,%20int)), [getBaselineResizeBehavior](http://docs.google.com/java/awt/Component.html#getBaselineResizeBehavior()), [getBounds](http://docs.google.com/java/awt/Component.html#getBounds()), [getBounds](http://docs.google.com/java/awt/Component.html#getBounds(java.awt.Rectangle)), [getColorModel](http://docs.google.com/java/awt/Component.html#getColorModel()), [getComponentListeners](http://docs.google.com/java/awt/Component.html#getComponentListeners()), [getComponentOrientation](http://docs.google.com/java/awt/Component.html#getComponentOrientation()), [getCursor](http://docs.google.com/java/awt/Component.html#getCursor()), [getDropTarget](http://docs.google.com/java/awt/Component.html#getDropTarget()), [getFocusListeners](http://docs.google.com/java/awt/Component.html#getFocusListeners()), [getFocusTraversalKeysEnabled](http://docs.google.com/java/awt/Component.html#getFocusTraversalKeysEnabled()), [getFont](http://docs.google.com/java/awt/Component.html#getFont()), [getFontMetrics](http://docs.google.com/java/awt/Component.html#getFontMetrics(java.awt.Font)), [getForeground](http://docs.google.com/java/awt/Component.html#getForeground()), [getGraphics](http://docs.google.com/java/awt/Component.html#getGraphics()), [getHeight](http://docs.google.com/java/awt/Component.html#getHeight()), [getHierarchyBoundsListeners](http://docs.google.com/java/awt/Component.html#getHierarchyBoundsListeners()), [getHierarchyListeners](http://docs.google.com/java/awt/Component.html#getHierarchyListeners()), [getIgnoreRepaint](http://docs.google.com/java/awt/Component.html#getIgnoreRepaint()), [getInputMethodListeners](http://docs.google.com/java/awt/Component.html#getInputMethodListeners()), [getInputMethodRequests](http://docs.google.com/java/awt/Component.html#getInputMethodRequests()), [getKeyListeners](http://docs.google.com/java/awt/Component.html#getKeyListeners()), [getLocation](http://docs.google.com/java/awt/Component.html#getLocation()), [getLocation](http://docs.google.com/java/awt/Component.html#getLocation(java.awt.Point)), [getLocationOnScreen](http://docs.google.com/java/awt/Component.html#getLocationOnScreen()), [getMouseListeners](http://docs.google.com/java/awt/Component.html#getMouseListeners()), [getMouseMotionListeners](http://docs.google.com/java/awt/Component.html#getMouseMotionListeners()), [getMousePosition](http://docs.google.com/java/awt/Component.html#getMousePosition()), [getMouseWheelListeners](http://docs.google.com/java/awt/Component.html#getMouseWheelListeners()), [getName](http://docs.google.com/java/awt/Component.html#getName()), [getParent](http://docs.google.com/java/awt/Component.html#getParent()), [getPeer](http://docs.google.com/java/awt/Component.html#getPeer()), [getPropertyChangeListeners](http://docs.google.com/java/awt/Component.html#getPropertyChangeListeners()), [getPropertyChangeListeners](http://docs.google.com/java/awt/Component.html#getPropertyChangeListeners(java.lang.String)), [getSize](http://docs.google.com/java/awt/Component.html#getSize()), [getSize](http://docs.google.com/java/awt/Component.html#getSize(java.awt.Dimension)), [getTreeLock](http://docs.google.com/java/awt/Component.html#getTreeLock()), [getWidth](http://docs.google.com/java/awt/Component.html#getWidth()), [getX](http://docs.google.com/java/awt/Component.html#getX()), [getY](http://docs.google.com/java/awt/Component.html#getY()), [gotFocus](http://docs.google.com/java/awt/Component.html#gotFocus(java.awt.Event,%20java.lang.Object)), [handleEvent](http://docs.google.com/java/awt/Component.html#handleEvent(java.awt.Event)), [hasFocus](http://docs.google.com/java/awt/Component.html#hasFocus()), [imageUpdate](http://docs.google.com/java/awt/Component.html#imageUpdate(java.awt.Image,%20int,%20int,%20int,%20int,%20int)), [inside](http://docs.google.com/java/awt/Component.html#inside(int,%20int)), [isBackgroundSet](http://docs.google.com/java/awt/Component.html#isBackgroundSet()), [isCursorSet](http://docs.google.com/java/awt/Component.html#isCursorSet()), [isDisplayable](http://docs.google.com/java/awt/Component.html#isDisplayable()), [isDoubleBuffered](http://docs.google.com/java/awt/Component.html#isDoubleBuffered()), [isEnabled](http://docs.google.com/java/awt/Component.html#isEnabled()), [isFocusable](http://docs.google.com/java/awt/Component.html#isFocusable()), [isFocusOwner](http://docs.google.com/java/awt/Component.html#isFocusOwner()), [isFocusTraversable](http://docs.google.com/java/awt/Component.html#isFocusTraversable()), [isFontSet](http://docs.google.com/java/awt/Component.html#isFontSet()), [isForegroundSet](http://docs.google.com/java/awt/Component.html#isForegroundSet()), [isLightweight](http://docs.google.com/java/awt/Component.html#isLightweight()), [isMaximumSizeSet](http://docs.google.com/java/awt/Component.html#isMaximumSizeSet()), [isMinimumSizeSet](http://docs.google.com/java/awt/Component.html#isMinimumSizeSet()), [isOpaque](http://docs.google.com/java/awt/Component.html#isOpaque()), [isPreferredSizeSet](http://docs.google.com/java/awt/Component.html#isPreferredSizeSet()), [isValid](http://docs.google.com/java/awt/Component.html#isValid()), [isVisible](http://docs.google.com/java/awt/Component.html#isVisible()), [keyDown](http://docs.google.com/java/awt/Component.html#keyDown(java.awt.Event,%20int)), [keyUp](http://docs.google.com/java/awt/Component.html#keyUp(java.awt.Event,%20int)), [list](http://docs.google.com/java/awt/Component.html#list()), [list](http://docs.google.com/java/awt/Component.html#list(java.io.PrintStream)), [list](http://docs.google.com/java/awt/Component.html#list(java.io.PrintWriter)), [location](http://docs.google.com/java/awt/Component.html#location()), [lostFocus](http://docs.google.com/java/awt/Component.html#lostFocus(java.awt.Event,%20java.lang.Object)), [mouseDown](http://docs.google.com/java/awt/Component.html#mouseDown(java.awt.Event,%20int,%20int)), [mouseDrag](http://docs.google.com/java/awt/Component.html#mouseDrag(java.awt.Event,%20int,%20int)), [mouseEnter](http://docs.google.com/java/awt/Component.html#mouseEnter(java.awt.Event,%20int,%20int)), [mouseExit](http://docs.google.com/java/awt/Component.html#mouseExit(java.awt.Event,%20int,%20int)), [mouseMove](http://docs.google.com/java/awt/Component.html#mouseMove(java.awt.Event,%20int,%20int)), [mouseUp](http://docs.google.com/java/awt/Component.html#mouseUp(java.awt.Event,%20int,%20int)), [move](http://docs.google.com/java/awt/Component.html#move(int,%20int)), [nextFocus](http://docs.google.com/java/awt/Component.html#nextFocus()), [paintAll](http://docs.google.com/java/awt/Component.html#paintAll(java.awt.Graphics)), [prepareImage](http://docs.google.com/java/awt/Component.html#prepareImage(java.awt.Image,%20java.awt.image.ImageObserver)), [prepareImage](http://docs.google.com/java/awt/Component.html#prepareImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver)), [printAll](http://docs.google.com/java/awt/Component.html#printAll(java.awt.Graphics)), [processComponentEvent](http://docs.google.com/java/awt/Component.html#processComponentEvent(java.awt.event.ComponentEvent)), [processFocusEvent](http://docs.google.com/java/awt/Component.html#processFocusEvent(java.awt.event.FocusEvent)), [processHierarchyBoundsEvent](http://docs.google.com/java/awt/Component.html#processHierarchyBoundsEvent(java.awt.event.HierarchyEvent)), [processHierarchyEvent](http://docs.google.com/java/awt/Component.html#processHierarchyEvent(java.awt.event.HierarchyEvent)), [processInputMethodEvent](http://docs.google.com/java/awt/Component.html#processInputMethodEvent(java.awt.event.InputMethodEvent)), [processKeyEvent](http://docs.google.com/java/awt/Component.html#processKeyEvent(java.awt.event.KeyEvent)), [processMouseEvent](http://docs.google.com/java/awt/Component.html#processMouseEvent(java.awt.event.MouseEvent)), [processMouseMotionEvent](http://docs.google.com/java/awt/Component.html#processMouseMotionEvent(java.awt.event.MouseEvent)), [processMouseWheelEvent](http://docs.google.com/java/awt/Component.html#processMouseWheelEvent(java.awt.event.MouseWheelEvent)), [remove](http://docs.google.com/java/awt/Component.html#remove(java.awt.MenuComponent)), [removeComponentListener](http://docs.google.com/java/awt/Component.html#removeComponentListener(java.awt.event.ComponentListener)), [removeFocusListener](http://docs.google.com/java/awt/Component.html#removeFocusListener(java.awt.event.FocusListener)), [removeHierarchyBoundsListener](http://docs.google.com/java/awt/Component.html#removeHierarchyBoundsListener(java.awt.event.HierarchyBoundsListener)), [removeHierarchyListener](http://docs.google.com/java/awt/Component.html#removeHierarchyListener(java.awt.event.HierarchyListener)), [removeInputMethodListener](http://docs.google.com/java/awt/Component.html#removeInputMethodListener(java.awt.event.InputMethodListener)), [removeKeyListener](http://docs.google.com/java/awt/Component.html#removeKeyListener(java.awt.event.KeyListener)), [removeMouseListener](http://docs.google.com/java/awt/Component.html#removeMouseListener(java.awt.event.MouseListener)), [removeMouseMotionListener](http://docs.google.com/java/awt/Component.html#removeMouseMotionListener(java.awt.event.MouseMotionListener)), [removeMouseWheelListener](http://docs.google.com/java/awt/Component.html#removeMouseWheelListener(java.awt.event.MouseWheelListener)), [removePropertyChangeListener](http://docs.google.com/java/awt/Component.html#removePropertyChangeListener(java.beans.PropertyChangeListener)), [removePropertyChangeListener](http://docs.google.com/java/awt/Component.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)), [repaint](http://docs.google.com/java/awt/Component.html#repaint()), [repaint](http://docs.google.com/java/awt/Component.html#repaint(int,%20int,%20int,%20int)), [repaint](http://docs.google.com/java/awt/Component.html#repaint(long)), [repaint](http://docs.google.com/java/awt/Component.html#repaint(long,%20int,%20int,%20int,%20int)), [requestFocus](http://docs.google.com/java/awt/Component.html#requestFocus()), [requestFocus](http://docs.google.com/java/awt/Component.html#requestFocus(boolean)), [requestFocusInWindow](http://docs.google.com/java/awt/Component.html#requestFocusInWindow()), [requestFocusInWindow](http://docs.google.com/java/awt/Component.html#requestFocusInWindow(boolean)), [resize](http://docs.google.com/java/awt/Component.html#resize(java.awt.Dimension)), [resize](http://docs.google.com/java/awt/Component.html#resize(int,%20int)), [setBackground](http://docs.google.com/java/awt/Component.html#setBackground(java.awt.Color)), [setComponentOrientation](http://docs.google.com/java/awt/Component.html#setComponentOrientation(java.awt.ComponentOrientation)), [setDropTarget](http://docs.google.com/java/awt/Component.html#setDropTarget(java.awt.dnd.DropTarget)), [setEnabled](http://docs.google.com/java/awt/Component.html#setEnabled(boolean)), [setFocusable](http://docs.google.com/java/awt/Component.html#setFocusable(boolean)), [setFocusTraversalKeysEnabled](http://docs.google.com/java/awt/Component.html#setFocusTraversalKeysEnabled(boolean)), [setForeground](http://docs.google.com/java/awt/Component.html#setForeground(java.awt.Color)), [setIgnoreRepaint](http://docs.google.com/java/awt/Component.html#setIgnoreRepaint(boolean)), [setLocale](http://docs.google.com/java/awt/Component.html#setLocale(java.util.Locale)), [setLocation](http://docs.google.com/java/awt/Component.html#setLocation(int,%20int)), [setLocation](http://docs.google.com/java/awt/Component.html#setLocation(java.awt.Point)), [setMaximumSize](http://docs.google.com/java/awt/Component.html#setMaximumSize(java.awt.Dimension)), [setName](http://docs.google.com/java/awt/Component.html#setName(java.lang.String)), [setPreferredSize](http://docs.google.com/java/awt/Component.html#setPreferredSize(java.awt.Dimension)), [show](http://docs.google.com/java/awt/Component.html#show(boolean)), [size](http://docs.google.com/java/awt/Component.html#size()), [toString](http://docs.google.com/java/awt/Component.html#toString()), [transferFocus](http://docs.google.com/java/awt/Component.html#transferFocus()), [transferFocusUpCycle](http://docs.google.com/java/awt/Component.html#transferFocusUpCycle()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

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

### LOAD

public static final int **LOAD**

This constant value indicates that the purpose of the file dialog window is to locate a file from which to read.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.awt.FileDialog.LOAD)

### SAVE

public static final int **SAVE**

This constant value indicates that the purpose of the file dialog window is to locate a file to which to write.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.awt.FileDialog.SAVE)

| **Constructor Detail** |
| --- |

### FileDialog

public **FileDialog**([Frame](http://docs.google.com/java/awt/Frame.html) parent)

Creates a file dialog for loading a file. The title of the file dialog is initially empty. This is a convenience method for FileDialog(parent, "", LOAD).

**Parameters:**parent - the owner of the dialog**Since:** JDK1.1

### FileDialog

public **FileDialog**([Frame](http://docs.google.com/java/awt/Frame.html) parent,  
 [String](http://docs.google.com/java/lang/String.html) title)

Creates a file dialog window with the specified title for loading a file. The files shown are those in the current directory. This is a convenience method for FileDialog(parent, title, LOAD).

**Parameters:**parent - the owner of the dialogtitle - the title of the dialog

### FileDialog

public **FileDialog**([Frame](http://docs.google.com/java/awt/Frame.html) parent,  
 [String](http://docs.google.com/java/lang/String.html) title,  
 int mode)

Creates a file dialog window with the specified title for loading or saving a file.

If the value of mode is LOAD, then the file dialog is finding a file to read, and the files shown are those in the current directory. If the value of mode is SAVE, the file dialog is finding a place to write a file.

**Parameters:**parent - the owner of the dialogtitle - the title of the dialogmode - the mode of the dialog; either FileDialog.LOAD or FileDialog.SAVE **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if an illegal file dialog mode is supplied**See Also:**[LOAD](http://docs.google.com/java/awt/FileDialog.html#LOAD), [SAVE](http://docs.google.com/java/awt/FileDialog.html#SAVE)

### FileDialog

public **FileDialog**([Dialog](http://docs.google.com/java/awt/Dialog.html) parent)

Creates a file dialog for loading a file. The title of the file dialog is initially empty. This is a convenience method for FileDialog(parent, "", LOAD).

**Parameters:**parent - the owner of the dialog **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the parent's GraphicsConfiguration is not from a screen device; [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if parent is null; this exception is always thrown when GraphicsEnvironment.isHeadless returns true**Since:** 1.5 **See Also:**[GraphicsEnvironment.isHeadless()](http://docs.google.com/java/awt/GraphicsEnvironment.html#isHeadless())

### FileDialog

public **FileDialog**([Dialog](http://docs.google.com/java/awt/Dialog.html) parent,  
 [String](http://docs.google.com/java/lang/String.html) title)

Creates a file dialog window with the specified title for loading a file. The files shown are those in the current directory. This is a convenience method for FileDialog(parent, title, LOAD).

**Parameters:**parent - the owner of the dialogtitle - the title of the dialog; a null value will be accepted without causing a NullPointerException to be thrown **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the parent's GraphicsConfiguration is not from a screen device; [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if parent is null; this exception is always thrown when GraphicsEnvironment.isHeadless returns true**Since:** 1.5 **See Also:**[GraphicsEnvironment.isHeadless()](http://docs.google.com/java/awt/GraphicsEnvironment.html#isHeadless())

### FileDialog

public **FileDialog**([Dialog](http://docs.google.com/java/awt/Dialog.html) parent,  
 [String](http://docs.google.com/java/lang/String.html) title,  
 int mode)

Creates a file dialog window with the specified title for loading or saving a file.

If the value of mode is LOAD, then the file dialog is finding a file to read, and the files shown are those in the current directory. If the value of mode is SAVE, the file dialog is finding a place to write a file.

**Parameters:**parent - the owner of the dialogtitle - the title of the dialog; a null value will be accepted without causing a NullPointerException to be thrownmode - the mode of the dialog; either FileDialog.LOAD or FileDialog.SAVE **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if an illegal file dialog mode is supplied; [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the parent's GraphicsConfiguration is not from a screen device; [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if parent is null; this exception is always thrown when GraphicsEnvironment.isHeadless returns true**Since:** 1.5 **See Also:**[GraphicsEnvironment.isHeadless()](http://docs.google.com/java/awt/GraphicsEnvironment.html#isHeadless()), [LOAD](http://docs.google.com/java/awt/FileDialog.html#LOAD), [SAVE](http://docs.google.com/java/awt/FileDialog.html#SAVE)

| **Method Detail** |
| --- |

### addNotify

public void **addNotify**()

Creates the file dialog's peer. The peer allows us to change the look of the file dialog without changing its functionality.

**Overrides:**[addNotify](http://docs.google.com/java/awt/Dialog.html#addNotify()) in class [Dialog](http://docs.google.com/java/awt/Dialog.html) **See Also:**[Component.isDisplayable()](http://docs.google.com/java/awt/Component.html#isDisplayable()), [Window.removeNotify()](http://docs.google.com/java/awt/Window.html#removeNotify())

### getMode

public int **getMode**()

Indicates whether this file dialog box is for loading from a file or for saving to a file.

**Returns:**the mode of this file dialog window, either FileDialog.LOAD or FileDialog.SAVE**See Also:**[LOAD](http://docs.google.com/java/awt/FileDialog.html#LOAD), [SAVE](http://docs.google.com/java/awt/FileDialog.html#SAVE), [setMode(int)](http://docs.google.com/java/awt/FileDialog.html#setMode(int))

### setMode

public void **setMode**(int mode)

Sets the mode of the file dialog. If mode is not a legal value, an exception will be thrown and mode will not be set.

**Parameters:**mode - the mode for this file dialog, either FileDialog.LOAD or FileDialog.SAVE **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if an illegal file dialog mode is supplied**Since:** JDK1.1 **See Also:**[LOAD](http://docs.google.com/java/awt/FileDialog.html#LOAD), [SAVE](http://docs.google.com/java/awt/FileDialog.html#SAVE), [getMode()](http://docs.google.com/java/awt/FileDialog.html#getMode())

### getDirectory

public [String](http://docs.google.com/java/lang/String.html) **getDirectory**()

Gets the directory of this file dialog.

**Returns:**the (potentially null or invalid) directory of this FileDialog**See Also:**[setDirectory(java.lang.String)](http://docs.google.com/java/awt/FileDialog.html#setDirectory(java.lang.String))

### setDirectory

public void **setDirectory**([String](http://docs.google.com/java/lang/String.html) dir)

Sets the directory of this file dialog window to be the specified directory. Specifying a null or an invalid directory implies an implementation-defined default. This default will not be realized, however, until the user has selected a file. Until this point, getDirectory() will return the value passed into this method.

Specifying "" as the directory is exactly equivalent to specifying null as the directory.

**Parameters:**dir - the specified directory**See Also:**[getDirectory()](http://docs.google.com/java/awt/FileDialog.html#getDirectory())

### getFile

public [String](http://docs.google.com/java/lang/String.html) **getFile**()

Gets the selected file of this file dialog. If the user selected CANCEL, the returned file is null.

**Returns:**the currently selected file of this file dialog window, or null if none is selected**See Also:**[setFile(java.lang.String)](http://docs.google.com/java/awt/FileDialog.html#setFile(java.lang.String))

### setFile

public void **setFile**([String](http://docs.google.com/java/lang/String.html) file)

Sets the selected file for this file dialog window to be the specified file. This file becomes the default file if it is set before the file dialog window is first shown.

Specifying "" as the file is exactly equivalent to specifying null as the file.

**Parameters:**file - the file being set**See Also:**[getFile()](http://docs.google.com/java/awt/FileDialog.html#getFile())

### getFilenameFilter

public [FilenameFilter](http://docs.google.com/java/io/FilenameFilter.html) **getFilenameFilter**()

Determines this file dialog's filename filter. A filename filter allows the user to specify which files appear in the file dialog window. Filename filters do not function in Sun's reference implementation for Microsoft Windows.

**Returns:**this file dialog's filename filter**See Also:**[FilenameFilter](http://docs.google.com/java/io/FilenameFilter.html), [setFilenameFilter(java.io.FilenameFilter)](http://docs.google.com/java/awt/FileDialog.html#setFilenameFilter(java.io.FilenameFilter))

### setFilenameFilter

public void **setFilenameFilter**([FilenameFilter](http://docs.google.com/java/io/FilenameFilter.html) filter)

Sets the filename filter for this file dialog window to the specified filter. Filename filters do not function in Sun's reference implementation for Microsoft Windows.

**Parameters:**filter - the specified filter**See Also:**[FilenameFilter](http://docs.google.com/java/io/FilenameFilter.html), [getFilenameFilter()](http://docs.google.com/java/awt/FileDialog.html#getFilenameFilter())

### paramString

protected [String](http://docs.google.com/java/lang/String.html) **paramString**()

Returns a string representing the state of this FileDialog window. This method is intended to be used only for debugging purposes, and the content and format of the returned string may vary between implementations. The returned string may be empty but may not be null.

**Overrides:**[paramString](http://docs.google.com/java/awt/Dialog.html#paramString()) in class [Dialog](http://docs.google.com/java/awt/Dialog.html) **Returns:**the parameter string of this file dialog window

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileDialog.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/java/awt/EventQueue.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/FlowLayout.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/FileDialog.html)    [**NO FRAMES**](http://docs.google.com/FileDialog.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [METHOD](#lnxbz9) | DETAIL: [FIELD](#3j2qqm3) | [CONSTR](#2xcytpi) | [METHOD](#49x2ik5) |

[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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