

# Class `java.awt.FileDialog`

```
java.lang.Object
|
+----java.awt.Component
      |
      +----java.awt.Container
            |
            +----java.awt.Window
                  |
                  +----java.awt.Dialog
                        |
                        +----java.awt.FileDialog
```

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public class **FileDialog**  
extends [Dialog](#)

The File Dialog class displays a file selection dialog. It is a modal dialog and will block the calling thread when the show method is called to display it until the user has chosen a file.

**See Also:**

[show](#)

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**Author:**

Sami Shaio, Arthur van Hoff

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## Variable Index

o **LOAD**

The file load variable.

o **SAVE**

The file save variable.

## Constructor Index

o **FileDialog**(Frame, String)

Creates a file dialog for loading a file.

- o **FileDialog**(Frame, String, int)  
Creates a file dialog with the specified title and mode.

## Method Index

- o **addNotify()**  
Creates the frame's peer.
- o **getDirectory()**  
Gets the directory of the Dialog.
- o **getFile()**  
Gets the file of the Dialog.
- o **getFilenameFilter()**  
Gets the filter.
- o **getMode()**  
Gets the mode of the file dialog.
- o **paramString()**  
Returns the parameter String of this file dialog.
- o **setDirectory**(String)  
Set the directory of the Dialog to the specified directory.
- o **setFile**(String)  
Sets the file for this dialog to the specified file.
- o **setFilenameFilter**(FilenameFilter)  
Sets the filter for this dialog to the specified filter.

## Variables

- o **LOAD**

```
public final static int LOAD
```

The file load variable.

- o **SAVE**

```
public final static int SAVE
```

The file save variable.

## Constructors

- o **FileDialog**

```
public FileDialog(Frame parent,  
                  String title)
```

Creates a file dialog for loading a file.

**Parameters:**

parent – the owner of the dialog  
title – the title of the Dialog

## o **FileDialog**

```
public FileDialog(Frame parent,  
                 String title,  
                 int mode)
```

Creates a file dialog with the specified title and mode.

**Parameters:**

parent – the owner of the dialog  
title – the title of the Dialog  
mode – the mode of the Dialog

## Methods

### o **addNotify**

```
public synchronized void addNotify()
```

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

**Overrides:**

addNotify in class Dialog

### o **getMode**

```
public int getMode()
```

Gets the mode of the file dialog.

### o **getDirectory**

```
public String getDirectory()
```

Gets the directory of the Dialog.

### o **setDirectory**

```
public void setDirectory(String dir)
```

Set the directory of the Dialog to the specified directory.

**Parameters:**

dir – the specific directory

### o **getFile**

```
public String getFile()
```

Gets the file of the Dialog.

#### o **setFile**

```
public void setFile(String file)
```

Sets the file for this dialog to the specified file. This will become the default file if set before the dialog is shown.

**Parameters:**

file – the file being set

#### o **getFilenameFilter**

```
public FilenameFilter getFilenameFilter()
```

Gets the filter.

#### o **setFilenameFilter**

```
public void setFilenameFilter(FilenameFilter filter)
```

Sets the filter for this dialog to the specified filter.

**Parameters:**

filter – the specified filter

#### o **paramString**

```
protected String paramString()
```

Returns the parameter String of this file dialog. Parameter String.

**Overrides:**

paramString in class Dialog