

Class `java.awt.Dialog`

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

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

A class that produces a dialog—a window that takes input from the user. The default layout for a dialog is BorderLayout.

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- o **[Dialog](#)**(Frame, boolean)
Constructs an initially invisible Dialog.
- o **[Dialog](#)**(Frame, String, boolean)
Constructs an initially invisible Dialog with a title.

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Creates the frame's peer.
- o **[getTitle](#)**()
Gets the title of the Dialog.
- o **[isModal](#)**()
Returns true if the Dialog is modal.
- o **[isResizable](#)**()

Returns true if the user can resize the frame.

o **paramString()**

Returns the parameter String of this Dialog.

o **setResizable(boolean)**

Sets the resizable flag.

o **setTitle(String)**

Sets the title of the Dialog.

Constructors

o **Dialog**

```
public Dialog(Frame parent,  
             boolean modal)
```

Constructs an initially invisible Dialog. A modal Dialog grabs all the input from the user.

Parameters:

parent – the owner of the dialog

modal – if true, dialog blocks input to other windows when shown

See Also:

[resize](#), [show](#)

o **Dialog**

```
public Dialog(Frame parent,  
             String title,  
             boolean modal)
```

Constructs an initially invisible Dialog with a title. A modal Dialog grabs all the input from the user.

Parameters:

parent – the owner of the dialog

title – the title of the dialog

modal – if true, dialog blocks input to other windows when shown

See Also:

[resize](#), [show](#)

Methods

o **addNotify**

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

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

Overrides:

[addNotify](#) in class [Window](#)

o **isModal**

```
public boolean isModal()
```

Returns true if the Dialog is modal. A modal Dialog grabs all the input from the user.

o **getTitle**

```
public String getTitle()
```

Gets the title of the Dialog.

See Also:

setTitle

o **setTitle**

```
public void setTitle(String title)
```

Sets the title of the Dialog.

Parameters:

title – the new title being given to the Dialog

See Also:

getTitle

o **isResizable**

```
public boolean isResizable()
```

Returns true if the user can resize the frame.

o **setResizable**

```
public void setResizable(boolean resizable)
```

Sets the resizable flag.

Parameters:

resizable – true if resizable; false otherwise

o **paramString**

```
protected String paramString()
```

Returns the parameter String of this Dialog.

Overrides:

paramString in class Container

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