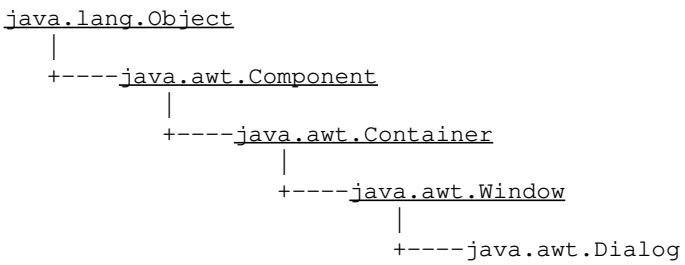
Class java.awt.Dialog



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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.

Method Index

o **addNotify**()
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.

- **paramString**()
  Returns the parameter String of this Dialog.
- **setResizable**(boolean)
  Sets the resizable flag.
- **setTitle**(String)
  Sets the title of the Dialog.

Constructors

- **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

- **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

- **addNotify**

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

Creates the frame's peer. The peer allows us to change the appearance of the fram 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