Class java.awt.Frame

```
java.lang.Object
   |
   +----java.awt.Component
           |
           +----java.awt.Container
                   |
                   +----java.awt.Window
                           |
                           +----java.awt.Frame
```
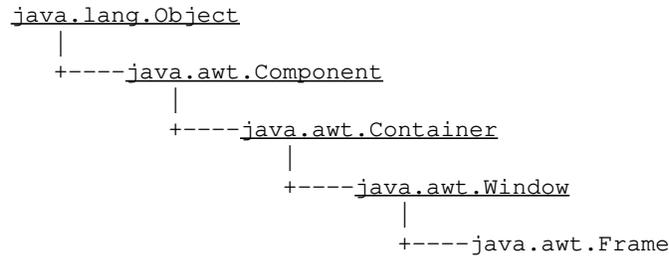
public class **Frame**
extends Window
implements MenuContainer

A Frame is a top–level window with a title. The default layout for a frame is
BorderLayout.

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Constructor Index

o **Frame**()
    Constructs a new Frame that is initially invisible.
o **Frame**(String)
    Constructs a new, initially invisible Frame with the specified title.

Method Index

o **addNotify**()
    Creates the Frame's peer.
o **dispose**()
    Disposes of the Frame.
o **getIconImage**()
    Returns the icon image for this Frame.

o **getMenuBar**()
>   Gets the menu bar for this Frame.

o **getTitle**()
>   Gets the title of the Frame.

o **isResizable**()
>   Returns true if the user can resize the Frame.

o **paramString**()
>   Returns the parameter String of this Frame.

o **remove**(MenuComponent)
>   Removes the specified menu bar from this Frame.

o **setCursor**(Image)
>   Set the cursor image

o **setIconImage**(Image)
>   Sets the image to display when this Frame is iconized.

o **setMenuBar**(MenuBar)
>   Sets the menubar for this Frame to the specified menubar.

o **setResizable**(boolean)
>   Sets the resizable flag.

o **setTitle**(String)
>   Sets the title for this Frame to the specified title.

Constructors

o **Frame**

```
public Frame()
```

>   Constructs a new Frame that is initially invisible.
>   **See Also:**
>   resize, show

o **Frame**

```
public Frame(String title)
```

>   Constructs a new, initially invisible Frame with the specified title.
>   **Parameters:**
>   title – te specified title
>   **See Also:**
>   resize, show

Methods

o **addNotify**

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

Creates the Frame's peer. The peer allows us to change the look of the Frame without changing its functionality.
Overrides:
addNotify in class Window

o **getTitle**

```
public String getTitle()
```

Gets the title of the Frame.
See Also:
setTitle

o **setTitle**

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

Sets the title for this Frame to the specified title.
Parameters:
title – the specified title of this Frame
See Also:
getTitle

o **getIconImage**

```
public Image getIconImage()
```

Returns the icon image for this Frame.

o **setIconImage**

```
public void setIconImage(Image image)
```

Sets the image to display when this Frame is iconized. Note that not all platforms support the concept of iconizing a window.
Parameters:
image – the icon image to be displayed

o **getMenuBar**

```
public MenuBar getMenuBar()
```

Gets the menu bar for this Frame.

o **setMenuBar**

```
public synchronized void setMenuBar(MenuBar mb)
```

Sets the menubar for this Frame to the specified menubar.

Parameters:
> mb – the menubar being set

o **remove**

```
public synchronized void remove(MenuComponent m)
```

> Removes the specified menu bar from this Frame.

o **dispose**

```
public synchronized void dispose()
```

> Disposes of the Frame. This method must be called to release the resources that
> are used for the frame.
> **Overrides:**
>> dispose in class Window

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 **setCursor**

```
public void setCursor(Image img)
```

> Set the cursor image

o **paramString**

```
protected String paramString()
```

> Returns the parameter String of this Frame.
> **Overrides:**
>> paramString in class Container