Class java.awt.MenuBar

```
java.lang.Object
   |
   +----java.awt.MenuComponent
           |
           +----java.awt.MenuBar
```

---

public class **MenuBar**
extends MenuComponent
implements MenuContainer

A class that encapsulates the platform's concept of a menu bar bound to a Frame. In order to associate the MenuBar with an actual Frame, the Frame.setMenuBar() method should be called.

See Also:
setMenuBar
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Constructor Index

o **MenuBar**()
Creates a new menu bar.

Method Index

o **add**(Menu)
Adds the specified menu to the menu bar.
o **addNotify**()
Creates the menu bar's peer.
o **countMenus**()
Counts the number of menus on the menu bar.
o **getHelpMenu**()
Gets the help menu on the menu bar.
o **getMenu**(int)

Gets the specified menu.

- **remove**(int)
  Removes the menu located at the specified index from the menu bar.
- **remove**(MenuComponent)
  Removes the specified menu from the menu bar.
- **removeNotify**()
  Removes the menu bar's peer.
- **setHelpMenu**(Menu)
  Sets the help menu to the specified menu on the menu bar.

Constructors

- **MenuBar**

```
public MenuBar()
```

Creates a new menu bar.

Methods

- **addNotify**

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

Creates the menu bar's peer. The peer allows us to change the appearance of the menu bar without changing any of the menu bar's functionality.

- **removeNotify**

```
public void removeNotify()
```

Removes the menu bar's peer. The peer allows us to change the appearance of the menu bar without changing any of the menu bar's functionality.

Overrides:

removeNotify in class MenuComponent

- **getHelpMenu**

```
public Menu getHelpMenu()
```

Gets the help menu on the menu bar.

- **setHelpMenu**

```
public synchronized void setHelpMenu(Menu m)
```

Sets the help menu to the specified menu on the menu bar.

Parameters:

m – the menu to be set

o **add**

```
public synchronized Menu add(Menu m)
```

Adds the specified menu to the menu bar.

Parameters:

m – the menu to be added to the menu bar

o **remove**

```
public synchronized void remove(int index)
```

Removes the menu located at the specified index from the menu bar.

Parameters:

index – the position of the menu to be removed

o **remove**

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

Removes the specified menu from the menu bar.

Parameters:

m – the menu to be removed

o **countMenus**

```
public int countMenus()
```

Counts the number of menus on the menu bar.

o **getMenu**

```
public Menu getMenu(int i)
```

Gets the specified menu.

Parameters:

i – the menu to be returned