Class java.awt.Choice

```
java.lang.Object
   |
   +----java.awt.Component
           |
           +----java.awt.Choice
```

---

public class **Choice**
extends Component

The Choice class is a pop−up menu of choices. The current choice is displayed as the title of the menu.

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Constructor Index

o **Choice**()
Constructs a new Choice.

Method Index

o **addItem**(String)
Adds an item to this Choice.
o **addNotify**()
Creates the Choice's peer.
o **countItems**()
Returns the number of items in this Choice.
o **getItem**(int)
Returns the String at the specified index in the Choice.
o **getSelectedIndex**()
Returns the index of the currently selected item.
o **getSelectedItem**()
Returns a String representation of the current choice.

o **paramString**()
Returns the parameter String of this Choice.
o **select**(int)
Selects the item with the specified postion.
o **select**(String)
Selects the item with the specified String.

Constructors

o **Choice**

```
public Choice()
```

Constructs a new Choice.

Methods

o **addNotify**

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

Creates the Choice's peer. This peer allows us to change the look of the Choice without changing its functionality.
Overrides:
addNotify in class Component

o **countItems**

```
public int countItems()
```

Returns the number of items in this Choice.
See Also:
getItem

o **getItem**

```
public String getItem(int index)
```

Returns the String at the specified index in the Choice.
Parameters:
index – the index to begin at
See Also:
countItems

o **addItem**

```
public synchronized void addItem(String item)
```

Adds an item to this Choice.
Parameters:
item – the item to be added
Throws: NullPointerException
If the item's value is equal to null.

o **getSelectedItem**

```
public String getSelectedItem()
```

Returns a String representation of the current choice.
See Also:
getSelectedIndex

o **getSelectedIndex**

```
public int getSelectedIndex()
```

Returns the index of the currently selected item.
See Also:
getSelectedItem

o **select**

```
public synchronized void select(int pos)
```

Selects the item with the specified postion.
Parameters:
pos – the choice item position
Throws: IllegalArgumentException
If the choice item position is invalid.
See Also:
getSelectedItem, getSelectedIndex

o **select**

```
public void select(String str)
```

Selects the item with the specified String.
Parameters:
str – the specified String
See Also:
getSelectedItem, getSelectedIndex

o **paramString**

```
protected String paramString()
```

Returns the parameter String of this Choice.

Overrides:

paramString in class Component