| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CheckboxGroup.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/awt/Checkbox.AccessibleAWTCheckbox.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/CheckboxMenuItem.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/CheckboxGroup.html)    [**NO FRAMES**](http://docs.google.com/CheckboxGroup.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **java.awt**

Class CheckboxGroup

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.awt.CheckboxGroup**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **CheckboxGroup**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

The CheckboxGroup class is used to group together a set of Checkbox buttons.

Exactly one check box button in a CheckboxGroup can be in the "on" state at any given time. Pushing any button sets its state to "on" and forces any other button that is in the "on" state into the "off" state.

The following code example produces a new check box group, with three check boxes:

setLayout(new GridLayout(3, 1));  
 CheckboxGroup cbg = new CheckboxGroup();  
 add(new Checkbox("one", cbg, true));  
 add(new Checkbox("two", cbg, false));  
 add(new Checkbox("three", cbg, false));

This image depicts the check box group created by this example:



**Since:** JDK1.0 **See Also:**[Checkbox](http://docs.google.com/java/awt/Checkbox.html), [Serialized Form](http://docs.google.com/serialized-form.html#java.awt.CheckboxGroup)

| **Constructor Summary** | |
| --- | --- |
| [**CheckboxGroup**](http://docs.google.com/java/awt/CheckboxGroup.html#CheckboxGroup())()            Creates a new instance of CheckboxGroup. |

| **Method Summary** | |
| --- | --- |
| [Checkbox](http://docs.google.com/java/awt/Checkbox.html) | [**getCurrent**](http://docs.google.com/java/awt/CheckboxGroup.html#getCurrent())()  **Deprecated.** *As of JDK version 1.1, replaced by getSelectedCheckbox().* |
| [Checkbox](http://docs.google.com/java/awt/Checkbox.html) | [**getSelectedCheckbox**](http://docs.google.com/java/awt/CheckboxGroup.html#getSelectedCheckbox())()            Gets the current choice from this check box group. |
| void | [**setCurrent**](http://docs.google.com/java/awt/CheckboxGroup.html#setCurrent(java.awt.Checkbox))([Checkbox](http://docs.google.com/java/awt/Checkbox.html) box)  **Deprecated.** *As of JDK version 1.1, replaced by setSelectedCheckbox(Checkbox).* |
| void | [**setSelectedCheckbox**](http://docs.google.com/java/awt/CheckboxGroup.html#setSelectedCheckbox(java.awt.Checkbox))([Checkbox](http://docs.google.com/java/awt/Checkbox.html) box)            Sets the currently selected check box in this group to be the specified check box. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/awt/CheckboxGroup.html#toString())()            Returns a string representation of this check box group, including the value of its current selection. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### CheckboxGroup

public **CheckboxGroup**()

Creates a new instance of CheckboxGroup.

| **Method Detail** |
| --- |

### getSelectedCheckbox

public [Checkbox](http://docs.google.com/java/awt/Checkbox.html) **getSelectedCheckbox**()

Gets the current choice from this check box group. The current choice is the check box in this group that is currently in the "on" state, or null if all check boxes in the group are off.

**Returns:**the check box that is currently in the "on" state, or null.**Since:** JDK1.1 **See Also:**[Checkbox](http://docs.google.com/java/awt/Checkbox.html), [setSelectedCheckbox(java.awt.Checkbox)](http://docs.google.com/java/awt/CheckboxGroup.html#setSelectedCheckbox(java.awt.Checkbox))

### getCurrent

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public [Checkbox](http://docs.google.com/java/awt/Checkbox.html) **getCurrent**()

**Deprecated.** *As of JDK version 1.1, replaced by getSelectedCheckbox().*

### setSelectedCheckbox

public void **setSelectedCheckbox**([Checkbox](http://docs.google.com/java/awt/Checkbox.html) box)

Sets the currently selected check box in this group to be the specified check box. This method sets the state of that check box to "on" and sets all other check boxes in the group to be off.

If the check box argument is null, all check boxes in this check box group are deselected. If the check box argument belongs to a different check box group, this method does nothing.

**Parameters:**box - the Checkbox to set as the current selection.**Since:** JDK1.1 **See Also:**[Checkbox](http://docs.google.com/java/awt/Checkbox.html), [getSelectedCheckbox()](http://docs.google.com/java/awt/CheckboxGroup.html#getSelectedCheckbox())

### setCurrent

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public void **setCurrent**([Checkbox](http://docs.google.com/java/awt/Checkbox.html) box)

**Deprecated.** *As of JDK version 1.1, replaced by setSelectedCheckbox(Checkbox).*

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a string representation of this check box group, including the value of its current selection.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of this check box group.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CheckboxGroup.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/awt/Checkbox.AccessibleAWTCheckbox.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/CheckboxMenuItem.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/CheckboxGroup.html)    [**NO FRAMES**](http://docs.google.com/CheckboxGroup.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).