

Selection Components – ItemListener with JCheckBox



If the Developer needs to test what the state of the JCheckBox has now been changed to, then the *getStateChange()* method is employed, this is obviously more sophisticated than merely detecting that a change has taken place ...

```
ItemListener checkone = new ItemListener() {  
    public void itemStateChanged(ItemEvent event)  
    {  
        if (event.getStateChange() == ItemEvent.SELECTED)  
            System.out.println("Selected");  
        if (event.getStateChange() == ItemEvent.DESELECTED)  
            System.out.println("DeSelected");  
    }  
};
```

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When the ItemListener is used for more than one component, the Developer can test which object 'fired' this instance of the Listener using the *getItemSelectable()* method

```
ItemListener checkone = new ItemListener() {  
    public void itemStateChanged(ItemEvent event)  
    {  
        Object item = event.getItemSelectable();  
        if (item == check1)  
            {if (event.getStateChange() == ItemEvent.SELECTED)  
                System.out.println("Selected");  
            }  
    }  
}
```