

Java JToggleButton

 javatpoint.com/java-jtogglebutton

JToggleButton is used to create toggle button, it is two-states button to switch on or off.

Nested Classes

Modifier and Type	Class	Description
protected class	JToggleButton.AccessibleJToggleButton	This class implements accessibility support for the JToggleButton class.
static class	JToggleButton.ToggleButtonModel	The ToggleButton model

Constructors

Constructor	Description
JToggleButton()	It creates an initially unselected toggle button without setting the text or image.
JToggleButton(Action a)	It creates a toggle button where properties are taken from the Action supplied.
JToggleButton(Icon icon)	It creates an initially unselected toggle button with the specified image but no text.
JToggleButton(Icon icon, boolean selected)	It creates a toggle button with the specified image and selection state, but no text.
JToggleButton(String text)	It creates an unselected toggle button with the specified text.
JToggleButton(String text, boolean selected)	It creates a toggle button with the specified text and selection state.
JToggleButton(String text, Icon icon)	It creates a toggle button that has the specified text and image, and that is initially unselected.
JToggleButton(String text, Icon icon, boolean selected)	It creates a toggle button with the specified text, image, and selection state.

Methods

Modifier and Type	Method	Description
AccessibleContext	getAccessibleContext()	It gets the AccessibleContext associated with this JToggleButton.
String	getUIClassID()	It returns a string that specifies the name of the L&F class that renders this component.
protected String	paramString()	It returns a string representation of this JToggleButton.
void	updateUI()	It resets the UI property to a value from the current look and feel.

JToggleButton Example

1. import java.awt.FlowLayout;
2. import java.awt.event.ItemEvent;
3. import java.awt.event.ItemListener;

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4. import javax.swing.JFrame;
5. import javax.swing.JToggleButton;
6. publicclass JToggleButtonExample extends JFrame implements ItemListener {
7.     publicstaticvoid main(String[] args) {
8.         new JToggleButtonExample();
9.     }
10.    private JToggleButton button;
11.    JToggleButtonExample() {
12.        setTitle("JToggleButton with ItemListener Example");
13.        setLayout(new FlowLayout());
14.        setJToggleButton();
15.        setAction();
16.        setSize(200, 200);
17.        setVisible(true);
18.        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
19.    }
20.    privatevoid setJToggleButton() {
21.        button = new JToggleButton("ON");
22.        add(button);
23.    }
24.    privatevoid setAction() {
25.        button.addItemListener(this);
26.    }
27.    publicvoid itemStateChanged(ItemEvent eve) {
28.        if (button.isSelected())
29.            button.setText("OFF");
30.        else
31.            button.setText("ON");
32.    }
33. }

```

Output

