

Java WindowListener Interface

The Java WindowListener is notified whenever you change the state of window. It is notified against WindowEvent. The WindowListener interface is found in java.awt.event package. It has three methods.

Methods of WindowListener interface

The signature of 7 methods found in WindowListener interface are given below:

```
public abstract void windowActiv
public abstract void windowClos
public abstract void windowClos
public abstract void windowDea
public abstract void windowDeic
public abstract void windowIcon
public abstract void windowOpe
```

Java WindowListener Example

```
import java.awt.*;
import java.awt.event.WindowEvent;
import java.awt.event.WindowListener;
public class WindowExample extends WindowAdapter {
    WindowExample() {
        addWindowListener(this);

        setSize(400,400);
        setLayout(null);
        setVisible(true);
    }

    public static void main(String[] args) {
        new WindowExample();
    }

    public void windowActivated(WindowEvent e) {
        System.out.println("activated");
    }

    public void windowClosed(WindowEvent e) {
        System.out.println("closed");
    }

    public void windowClosing(WindowEvent e) {
        System.out.println("closing");
        dispose();
    }

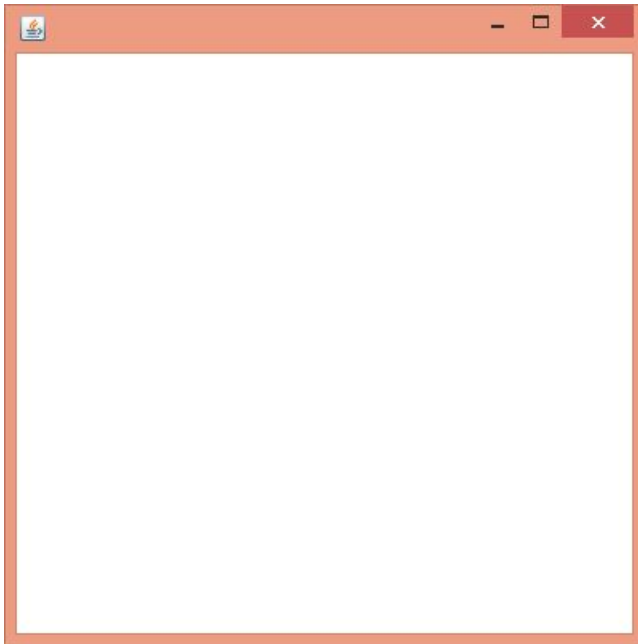
    public void windowDeactivated(WindowEvent e) {
        System.out.println("deactivated");
    }

    public void windowDeiconified(WindowEvent e) {
        System.out.println("deiconified");
    }

    public void windowIconified(WindowEvent e) {
        System.out.println("iconified");
    }

    public void windowOpened(WindowEvent e) {
        System.out.println("opened");
    }
}
```

Output:



```
C:\WINDOWS\system32\cmd.exe

C:\batch4we>javac WindowExample.java

C:\batch4we>java WindowExample
activated
opened
iconified
deactivated
deiconified
activated
closing
deactivated
closed

C:\batch4we>_
```

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