

TIBCO® Mashery

Your API Platform for Digital
Business. Read the Latest 2016
Gartner Report! Go to mashery.com



Java MouseListener Interface

The Java MouseListener is notified whenever you change the state of mouse. It is notified against MouseEvent. The MouseListener interface is found in java.awt.event package. It has five methods.

Methods of MouseListener interface

The signature of 5 methods found in MouseListener interface are given below:

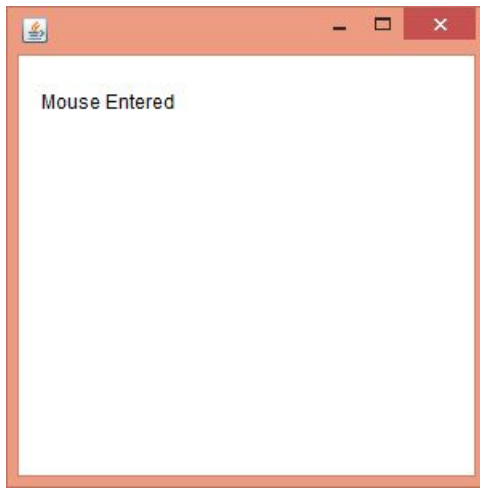
```
public abstract void mouseClicked()
public abstract void mouseEntered()
public abstract void mouseExited()
public abstract void mousePressed()
public abstract void mouseReleased()
```

Java MouseListener Example

```
import java.awt.*;
import java.awt.event.*;
public class MouseListenerExamp
    Label l;
    MouseListenerExample(){
        addMouseListener(this);

        l=new Label();
        l.setBounds(20,50,100,20);
        add(l);
        setSize(300,300);
        setLayout(null);
        setVisible(true);
    }
    public void mouseClicked(Mou
        l.setText("Mouse Clicked");
    }
    public void mouseEntered(Mou
        l.setText("Mouse Entered")
    }
    public void mouseExited(Mous
        l.setText("Mouse Exited");
    }
    public void mousePressed(Mo
        l.setText("Mouse Pressed")
    }
    public void mouseReleased(M
        l.setText("Mouse Released"
    }
    public static void main(String[] a
        new MouseListenerExample()
    }
}
```

Output:



Java MouseListener Example 2

```
import java.awt.*;
import java.awt.event.*;

public class MouseListenerExamp
    MouseListenerExample2(){
        addMouseListener(this);

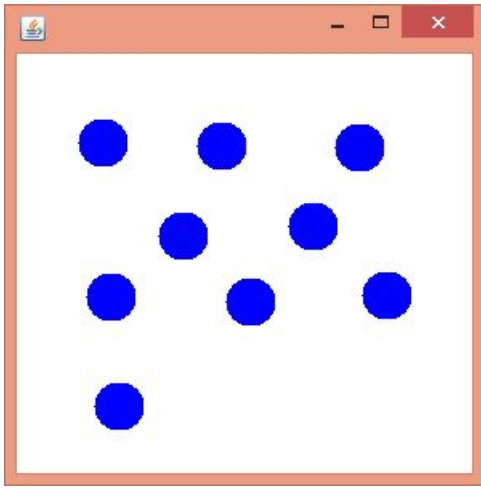
        setSize(300,300);
        setLayout(null);
        setVisible(true);
    }

    public void mouseClicked(MouseEvent e) {
        Graphics g=getGraphics();
        g.setColor(Color.BLUE);
        g.fillOval(e.getX(),e.getY())
    }

    public void mouseEntered(MouseEvent e) {}
    public void mouseExited(MouseEvent e) {}
    public void mousePressed(MouseEvent e) {}
    public void mouseReleased(MouseEvent e) {}

    public static void main(String[] args) {
        new MouseListenerExample2();
    }
}
```

Output:



[← prev](#)

[next →](#)

Latest 4 Tutorials on JavaTpoint



Java Swing



XHTML



MathML



Java AWT

[f](#) Share 0