

计算机二级辅导:Java事件监听计算机二级考试 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/557/2021_2022__E8_AE_A1_E7_AE_97_E6_9C_BA_E4_c97_557715.htm 这几天在看Java的图形界面编程，由于上课也没书，几乎没学什么，于是想自己做个堆积木来好好学一下。写完之后，被监听弄得出了好几个问题，幸好学长帮我的忙才对Java的事件驱动模型有了个基本的了解，看来用Java做GUI真的不是件蛮爽的事。后来自己好好总结了一下，想清了下面四种常用的监听方法：

```
view
plaincopy to clipboardprint?
import javax.swing.*. import
java.awt.event.*. //The first method //该方法有缺陷，如果本类要
继承于另外一个类，那么由于java的单继承机制，该类就不能
再继承于适配器类 //使用该方法时需要注意适配器类中的方
法名字要写正确，否则jdk会认为是新增的方法而不会报错
public class JFrameDemo extends WindowAdapter { JFrame jfr.
public JFrameDemo(String name) { jfr = new JFrame(name).
jfr.setSize(200,100). jfr.setVisible(true).
jfr.addWindowListener(this). } public void
windowClosing(WindowEvent e) { System.exit(0). } public static
void main(String[] args) { new JFrameDemo("jframedemo"). } }
//The second method public class JFrameDemo extends JFrame {
public JFrameDemo(String name) { super(name). setSize(200,100).
setVisible(true). addWindowListener(new WindowOP()). } public
static void main(String[] args) { new JFrameDemo("jramedemo"). }
} class WindowOP implements WindowListener { public void
windowClosed(WindowEvent e) {} public void
```

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windowActivated(WindowEvent e) {} public void
windowClosing(WindowEvent e) { System.exit(0). } public void
windowDeactivated(WindowEvent e) {} public void
windowDeiconified(WindowEvent e) {} public void
windowIconified(WindowEvent e) {} public void
windowOpened(WindowEvent e) {} } //The third method //通常而言，
//这种方法是较好的 //将实现接口WindowListener的部份放在class
JFrameDemo中，这样就只用一个类 //这时在构造方法中添加监听的对象
就是this本身了，也就是addWindowListener(this). public class
JFrameDemo extends JFrame implements WindowListener { public
JFrameDemo(String name) { super(name). setSize(200,100). setVisible(true).
addWindowListener(this). } public void
windowClosed(WindowEvent e) {} public void
windowActivated(WindowEvent e) {} public void
windowClosing(WindowEvent e) { System.exit(0). } public void
windowDeactivated(WindowEvent e) {} public void
windowDeiconified(WindowEvent e) {} public void
windowIconified(WindowEvent e) {} public void
windowOpened(WindowEvent e) {} } //The forth method //采用内部类的方法
来实现WindowListener接口，即
addWindowListener(new WindowListener() { public void
windowCloing(WindowEvent e) {} public void
windowActivated(WindowEvent e) {} public void
windowClosing(WindowEvent e) { System.exit(0). } public void
windowDeactivated(WindowEvent e) {} public void

```

```
windowDeiconified(WindowEvent e) {} public void  
windowIconified(WindowEvent e) {} public void  
windowOpened(WindowEvent e) {} }). //但这种方法通常只能用于较小的程序中
```

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