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1 package by.riit.gui_basic_component;
2
3 import java.awt.*;
4 import java.awt.event.ActionEvent;
5 import java.awt.event.ActionListener;
6 import java.awt.event.KeyEvent;
7 import java.awt.event.WindowAdapter;
8 import java.awt.event.WindowEvent;
9
10 public class MenuExample extends Frame implements ActionListener {
11
12     public static void main(String[] args) {
13         MenuExample myFrame = new MenuExample();
14         myFrame.setSize(400, 400);
15         myFrame.setLocationRelativeTo(null);
16         MenuBar myMenuBar = new MenuBar();
17         myFrame.setMenuBar(myMenuBar);
18         Menu myFileMenu = new Menu("File");
19         Menu myEditMenu = new Menu("Edit");
20         Menu myHelpMenu = new Menu("Help");
21         myMenuBar.add(myFileMenu);
22         myMenuBar.add(myEditMenu);
23         myMenuBar.add(myHelpMenu);
24         MenuItem myFileOpenMenuItem = new MenuItem("Open...");
25         MenuItem myFileExitMenuItem = new MenuItem("Exit", new MenuShortcut(
KeyEvent.VK_X));
26         MenuItem myEditUndoMenuItem = new MenuItem("Undo", new MenuShortcut(
KeyEvent.VK_Z));
27         MenuItem myHelpAboutMenuItem = new MenuItem("About");
28         myFileOpenMenuItem.addActionListener(myFrame);
29         myFileExitMenuItem.addActionListener(myFrame);
30         myEditUndoMenuItem.addActionListener(myFrame);
31         myHelpAboutMenuItem.addActionListener(myFrame);
32         myFileOpenMenuItem.setActionCommand("open");
33         myFileExitMenuItem.setActionCommand("exit");
34         myEditUndoMenuItem.setActionCommand("undo");
35         myHelpAboutMenuItem.setActionCommand("about");
36         myFileMenu.add(myFileOpenMenuItem);
37         myFileMenu.addSeparator();
38         myFileMenu.add(myFileExitMenuItem);
39         myEditMenu.add(myEditUndoMenuItem);
40         myHelpMenu.add(myHelpAboutMenuItem);
41         myFrame.addWindowListener(new WindowAdapter() {
42             public void windowClosing(WindowEvent we) {
43                 System.exit(0);
44             }
45         });
46         myFrame.setVisible(true);
47     }
48
49     public void actionPerformed(ActionEvent e) {
50         String cmd = e.getActionCommand();
51         if (cmd.equals("open")) {
52             System.out.println("open");

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53         } else if (cmd.equals("exit")) {  
54             System.exit(0);  
55         } else if (cmd.equals("undo")) {  
56             System.out.println("undo");  
57         } else if (cmd.equals("about")) {  
58             System.out.println("about");  
59         }  
60     }  
61 }
```