

```

Loading vc-cvs...
1 package caltool.admin_ui;
2
3 import caltool.admin.*;
4 import caltool.caltool_ui.*;
5 import javax.swing.*;
6 import java.awt.*;
7 import java.awt.event.*;
8 import mvp.*;
9
10 /****
11 *
12 * Class AdminMenu is the pulldown menu view of the <a href = "Admin.html"
13 * Admin </a> model class. The AdminMenu widget is a Java JMenu. Anonymous
14 * instances of JMenuItem are defined for each item in the menu.
15 *
16 */
17 public class AdminMenu extends mvp.View {
18
19     /**
20     * Construct this with the give Admin model.
21     */
22     public AdminMenu(Screen screen, Admin admin, AdminUI adminUI) {
23         super(null, admin);
24     }
25
26     /**
27     * Compose this by inserting each of its four menu items into the pulldown
28     * menu. The items are Users, Groups, Locations, Central Host, List
29     * Admins, and Login. A JSeparator is placed after the 'Locations' item.
30     */
31     public Component compose() {
32
33         /**
34         * Make the widget of this the JMenu.
35         */
36         widget = new JMenu("Admin");
37
38         /**
39         * Create a constant reference to the Admin model for use in the
40         * menu item action listeners. This is necessary due to the subtle
41         * rules of anonymous inner classes in Java.
42         */
43         final Admin admin = (Admin) model;
44
45         /**
46         * Create the menu items using the following pattern:
47         *
48         *         JMenu.add(new JMenuItem("<em>Item name</em>").addActionListener(
49         *             new ActionListener() {
50         *                 public void actionPerformed(ActionEvent e) {
51         *                     <em>Model.method()</em>
52         *                 }
53         *             }
54         *         );
55
56
57         /**
58         * Add the 'Connect ...' menu item.
59         */
60         ((JMenu) widget).add(new JMenuItem("Connect ...").addActionListener(
61             new ActionListener() {
62                 public void actionPerformed(ActionEvent e) {
63                     System.out.println("In Admin.connect.");
64                 }
65             }
66         ));
67
68         /**
69         * Add a separator.
70         */
71         ((JMenu) widget).add(new JSeparator());
72
73         /**
74         * Add the 'Users ...' menu item.
75         */
76         ((JMenu) widget).add(new JMenuItem("Users ...").addActionListener(
77             new ActionListener() {
78                 public void actionPerformed(ActionEvent e) {
79                     System.out.println("In Admin.users.");
80                 }
81             }
82         ));
83
84         /**
85         * Add the 'Groups ...' menu item.);
86         */
87         ((JMenu) widget).add(new JMenuItem("Groups ...").addActionListener(
88             new ActionListener() {
89                 public void actionPerformed(ActionEvent e) {
90                     System.out.println("In Admin.groups.");
91                 }
92             }
93         ));
94
95         /**
96         * Add the 'Locations ...' menu item.);
97         */
98         ((JMenu) widget).add(new JMenuItem("Locations ...").addActionListener(
99             new ActionListener() {
100                 public void actionPerformed(ActionEvent e) {
101                     System.out.println("In Admin.locations.");
102                 }
103             }
104         ));
105
106         /**
107         * Add a separator.
108         */
109         ((JMenu) widget).add(new JSeparator());
110
111         /**
112         * Add the 'Password ...' menu item.);

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112     */
113     ((JMenu) widget).add(new JMenuItem("Password ...")).addActionListener(
114         new ActionListener() {
115             public void actionPerformed(ActionEvent e) {
116                 System.out.println("In Admin.password.");
117             }
118         }
119     );
120
121     /*
122     * Add the 'Contact Admin ...' menu item.);
123     */
124     ((JMenu) widget).add(new JMenuItem("Contact Admin ...")).addActionListener(
125         new ActionListener() {
126             public void actionPerformed(ActionEvent e) {
127                 System.out.println("In Admin.conctactAdmin.");
128             }
129         }
130     );
131
132     return widget;
133 }
134
135 }
```