

```

Loading vc-cvs...
1 package caltool.schedule_ui;
2
3 import caltool.schedule.*;
4 import caltool.caltool_ui.*;
5 import mvp.*;
6 import java.awt.*;
7
8 /**
9  *
10 * Class ScheduleUI is the companion view for the <a href = "Schedule.html">
11 * Schedule </a> model class. ScheduleUI contains all of the interface
12 * components needed to access model components of the Schedule object. The
13 * ScheduleMenu provides access to the four scheduling operations and the
14 * categories list. An input dialog view is defined for each of the four
15 * operations. The input dialog classes are named "ScheduleXDialog", where X =
16 * "Appointment", "Meeting", "Task", and "Event". These dialogs are used to
17 * gather input values for their corresponding method and to invoke the method
18 * when the user confirms the inputs with the 'OK' button.
19 *
20 * The CategoriesEditor view provides access to the categories list component
21 * of the Schedule model. This dialog provides the canonical view of the
22 * Categories class. The CategoriesEditor is a subview of ScheduleUI in
23 * parallel with Categories being a submodel of Schedule.
24 *
25 * @author Gene Fisher (gfisher@calpoly.edu)
26 * @version 6feb04
27 *
28 */
29 public class ScheduleUI extends View {
30
31     /**
32     * Construct this by constructing each of the component views.
33     */
34     public ScheduleUI(Screen screen, Schedule schedule,
35         CalendarToolUI calToolUI) {
36         super(screen, schedule);
37         scheduleMenu = new ScheduleMenu(screen, schedule, this);
38         scheduleAppointmentDialog = new ScheduleAppointmentDialog(screen,
39             schedule, calToolUI);
40         scheduleMeetingDialog = new ScheduleMeetingDialog(screen, schedule,
41             calToolUI);
42         scheduleTaskDialog = new ScheduleTaskDialog(screen, schedule,
43             calToolUI);
44         scheduleEventDialog = new ScheduleEventDialog(screen, schedule,
45             calToolUI);
46         categoriesEditor = new CategoriesEditor(screen,
47             schedule.getCategories(), calToolUI);
48     }
49
50     /**
51     * Call compose for each of the component views. As a convenience to dad
52     * (the CalendarToolUI), return the pulldown menu so it can be inserted
53     * into the top-level menubar.
54     */
55     public Component compose() {
56
57         scheduleAppointmentDialog.compose();
58         scheduleMeetingDialog.compose();
59         scheduleTaskDialog.compose();
60         scheduleEventDialog.compose();
61         categoriesEditor.compose();
62         return scheduleMenu.compose();
63     }
64
65     /**
66     * Return the ScheduleAppointmentDialog.
67     */
68     public ScheduleAppointmentDialog getScheduleAppointmentDialog() {
69         return scheduleAppointmentDialog;
70     }
71
72     /**
73     * Return the ScheduleMeetingDialog.
74     */
75     public ScheduleMeetingDialog getScheduleMeetingDialog() {
76         return scheduleMeetingDialog;
77     }
78
79     /**
80     * Return the ScheduleTaskDialog.
81     */
82     public ScheduleTaskDialog getScheduleTaskDialog() {
83         return scheduleTaskDialog;
84     }
85
86     /**
87     * Return the ScheduleEventDialog.
88     */
89     public ScheduleEventDialog getScheduleEventDialog() {
90         return scheduleEventDialog;
91     }
92
93     /**
94     * Return the CategoriesEditor.
95     */
96     public CategoriesEditor getCategoriesEditor() {
97         return categoriesEditor;
98     }
99
100    /** The ScheduleMenu */
101    protected ScheduleMenu scheduleMenu;
102
103    /** The ScheduleAppointmentDialog */
104    protected ScheduleAppointmentDialog scheduleAppointmentDialog;
105
106    /** The ScheduleMeetingDialog */
107    protected ScheduleMeetingDialog scheduleMeetingDialog;
108
109    /** The ScheduleTaskDialog */
110    protected ScheduleTaskDialog scheduleTaskDialog;
111
112    /** The ScheduleEventDialog */

```

```
112     protected ScheduleEventDialog scheduleEventDialog;
113
114     /** The CategoriesEditor */
115     protected CategoriesEditor categoriesEditor;
116
117 }
```