

```

Loading vc-cvs...
1 package caltool.caldb;
2
3 import caltool.schedule.*;
4 import caltool.admin.*;
5 import caltool.options.*;
6 import mvp.*;
7 import java.util.Collection;
8
9 /**
10  *
11  * The CalendarDB is the top-level data class for the Calendar Tool. It
12  * encapsulates the following structures: a list of references to the calendars
13  * for all registered users; the user, group, and room databases; a global
14  * options list containing the calendar options common by default for all
15  * users; the user workspace, which in turn contains the collection of active
16  * calendars upon which the current user is working.
17  *
18  */
19
20 public class CalendarDB extends Model {
21
22     /**
23     * Construct this by constructing and initializing all components.
24     */
25     public CalendarDB() {
26         super(null);
27         userDB = new UserDB();
28         groupDB = new GroupDB();
29         roomDB = new RoomDB();
30         globalOptions = new GlobalOptions();
31         workspace = new UserWorkSpace();
32     }
33
34
35     /*-*
36     * Public service methods.
37     */
38
39     /**
40     * Return the currently active calendar in the workspace.
41     */
42     public UserCalendar getCurrentCalendar() {
43         return workspace.getCurrent();
44     }
45
46     /**
47     * Get the currently selected date. If none, return today's date.
48     */
49     public Date getSelectedDate() {
50         return workspace.getCurrent().getSelectedDate();
51     }
52
53     /**
54     * Set the currently selected date to the given date.
55     */
56     public void setSelectedDate(Date date) {
57         workspace.getCurrent().setSelectedDate(date);
58     }
59
60     /*-*
61     * Derived data fields
62     */
63
64     /** List of UserCalendars for all registered users */
65     protected UserCalendars userCalendars;
66
67     /** Registered user data base */
68     protected UserDB userDB;
69
70     /** User group data base */
71     protected GroupDB groupDB;
72
73     /** Room data base */
74     protected RoomDB roomDB;
75
76     /** Set of calendar options common by default for all users, both
77     registered and non-registered */
78     protected GlobalOptions globalOptions;
79
80     /** Active calendars upon which the current user is working. */
81     protected UserWorkSpace workspace;
82
83 }

```