

```
Loading vc-cvs...
1 package caltool.caldb;
2
3 import caltool.options.*;
4 import java.util.*;
5 import mvp.*;
6
7 /**
8  *
9  * The UserWorkspace contains the active calendars upon which the user is
10 * working. It has the id of the current calendar tool user, the list of
11 * active calendars, and an index indicating which calendar is currently
12 * active. It also contains a list of individualized user options, some of
13 * which may be different than the global calendar options.
14 *
15 */
16 public class UserWorkspace extends Model {
17
18     /**
19     * Construct this by constructing and initializing all components.
20     */
21     public UserWorkspace() {
22         super(null);
23         uid = System.getProperty("user.name");
24         calendars = new Vector();
25         options = new UserOptions();
26         currentIndex = -1;
27
28         /*
29         * For immediate testing, add an empty user calendar.
30         */
31         calendars.add(new UserCalendar(uid));
32         currentIndex = 0;
33     }
34
35     /**
36     * Return the currently active calendar. This is the calendar that the
37     * user has most recently selected for performing an operation on. If
38     * there is no active calendar, return null. Note that the case of no
39     * active calendar is allowed in the specs, since the user can close down
40     * all calendar display windows if she chooses.
41     */
42     public UserCalendar getCurrent() {
43         if (currentIndex == -1) {
44             return null;
45         }
46         return (UserCalendar) calendars.get(currentIndex);
47     }
48
49     /**-*
50     * Derived data fields.
51     */
52
53     /** Unique id of the current user */
54     String uid;
55
56
57     /** List of active calendars */
58     protected Vector calendars;
59
60     /** Specific options set for this workspace */
61     UserOptions options;
62
63
64     /**-*
65     * Process data fields.
66     */
67
68     /** Index of currently active calendar */
69     protected int currentIndex;
70
71 }
```