

```

Loading vc-cvs...
1 package caltool.schedule;
2
3 import caltool.caldb.*;
4 import mvp.*;
5
6 /**
7 *
8 * Class Appointment adds a number of components to a generic ScheduledItem.
9 * The StartTime and Duration indicate when the appointment starts and how long
10 * it lasts. The RecurringInfo defines if and how an appointment recurs. The
11 * Location is where it is held. The Security indicates who can see that the
12 * appointment is scheduled. Priority is how important the appointment is.
13 * RemindInfo indicates if and how the user is reminded of the appointment.
14 * Details are free form text describing any specific appointment details.
15 *
16 */
17
18 public class Appointment extends ScheduledItem {
19
20     /**
21      * Construct an empty appointment.
22      */
23     public Appointment() {
24         super();
25     }
26
27     /**
28      * Construct an appointment with the given field values. Generate and
29      * store the unique key for this appointment.
30      */
31     public Appointment(String title, Date startOrDueDate, Date endDate,
32                     Time startTime, Duration duration, RecurringInfo recurringInfo,
33                     Category category, String location, Security security,
34                     Priority priority, RemindInfo remindInfo, String details) {
35
36         this.title = title;
37         this.startOrDueDate = startOrDueDate;
38         this.endDate = endDate;
39         this.startTime = startTime;
40         this.duration = duration;
41         this.recurringInfo = recurringInfo;
42         this.category = category;
43         this.location = location;
44         this.security = security;
45         this.priority = priority;
46         this.remindInfo = remindInfo;
47         this.details = details;
48
49         itemKey = new ItemKey(startOrDueDate, startTime, duration, title, 0);
50
51     }
52
53     /**
54      * Access methods.
55  
```

```

56     */
57
58     /**
59      * Return the start date.
60      */
61     public Date getStartDate() {
62         return startOrDueDate;
63     }
64
65     /**
66      * Return the end date.
67      */
68     public Date getEndDate() {
69         return endDate;
70     }
71
72     /**
73      * Return the start time.
74      */
75     public Time getStartTime() {
76         return startTime;
77     }
78
79     /**
80      * Return the duration.
81      */
82     public Duration getDuration() {
83         return duration;
84     }
85
86     /**
87      * Return the recurring info.
88      */
89     public RecurringInfo getRecurringInfo() {
90         return recurringInfo;
91     }
92
93     /**
94      * Return the location.
95      */
96     public String getLocation() {
97         return location;
98     }
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101     * Return the security.
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103    public Security getSecurity() {
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215    public Date getStartDate() {
216        return startOrDueDate;
217    }
218
219    /**
220     * Set the start date.
221     */
222    public void setStartDate(Date startOrDueDate) {
223        this.startOrDueDate = startOrDueDate;
224    }
225
226    /**
227     * Return the end date.
228     */
229    public Date getEndDate() {
230        return endDate;
231    }
232
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235     */
236    public void setEndDate(Date endDate) {
237        this.endDate = endDate;
238    }
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1117     */
1118    public void setDetails(String details) {
1119        this.details = details;
1120    }
1121
1122    /**
1123     * Return the recurring info.
1124     */
1125    public RecurringInfo getRecurringInfo() {
1126        return recurringInfo;
1127    }
1128
1129    /**
1130     * Set the recurring info.
1131     */
1132    public void setRecurringInfo(RecurringInfo recurringInfo) {
1133        this.recurringInfo = recurringInfo;
1134    }
1135
1136    /**
1137     * Return the duration.
1138     */
1139    public Duration getDuration() {
1140        return duration;
1141    }
1142
1143    /**
1144     * Set the duration.
1145     */
1146    public void setDuration(Duration duration) {
1147        this.duration = duration;
1148    }
1149
1150    /**
1151     * Return the title.
1152     */
1153    public String getTitle() {
1154        return title;
1155    }
1156
1157    /**
1158     * Set the title.
1159     */
1160    public void setTitle(String title) {
1161        this.title = title;
1162    }
1163
1164    /**
1165     * Return the category.
1166     */
1167    public Category getCategory() {
1168        return category;
1169    }
1170
1171    /**
1172     * Set the category.
1173     */
1174    public void setCategory(Category category) {
1175        this.category = category;
1176    }
1177
1178    /**
1179     * Return the location.
1180     */
1181    public String getLocation() {
1182        return location;
1183    }
1184
1185    /**
1186     * Set the location.
1187     */
1188    public void setLocation(String location) {
1189        this.location = location;
1190    }
1191
1192    /**
1193     * Return the security.
1194     */
1195    public Security getSecurity() {
1196        return security;
1197    }
1198
1199    /**
1200     * Set the security.
1201     */
1202    public void setSecurity(Security security) {
1203        this.security = security;
1204    }
1205
1206    /**
1207     * Return the priority.
1208     */
1209    public Priority getPriority() {
1210        return priority;
1211    }
1212
1213    /**
1214     * Set the priority.
1215     */
1216    public void setPriority(Priority priority) {
1217        this.priority = priority;
1218    }
1219
1220    /**
1221     * Return the remind info.
1222     */
1223    public RemindInfo getRemindInfo() {
1224        return remindInfo;
1225    }
1226
1227    /**
1228     * Set the remind info.
1229     */
1230    public void setRemindInfo(RemindInfo remindInfo) {
1231        this.remindInfo = remindInfo;
1232    }
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1309    }
1310
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1312     * Set the location.
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1314    public void setLocation(String location) {
1315        this.location = location;
1316    }
1317
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1537     */

```

```
112     }
113
114     /**
115      * Return the remind info.
116      */
117     public RemindInfo getRemindInfo() {
118         return remindInfo;
119     }
120
121     /**
122      * Return the details.
123      */
124     public String getDetails() {
125         return details;
126     }
127
128
129     /**
130      * Process methods
131      */
132
133     /**
134      * Return the unique key for this, consisting of date, time, duration, and
135      * title. Priority is unused at 0. Note that this method need not be
136      * specialized in Meeting, since appointments and meetings have the same
137      * key formats.
138      */
139     public ItemKey getKey() {
140         return itemKey;
141     }
142
143
144     /**
145      * Derived data fields, in addition to those inherited from ScheduledItem.
146      */
147     /** Starting time of the appointment */
148     protected Time startTime;
149
150     /** How long the appointment lasts */
151     protected Duration duration;
152
153     /** Defines if and how an appointment recurs */
154     protected RecurringInfo recurringInfo;
155
156     /** Where the appointment is held */
157     protected String location;
158
159     /** Indicates who can see that the appointment is scheduled */
160     protected Security security;
161
162     /** How important the appointment is */
163     protected Priority priority;
164
165     /** Indicates if and how user is reminded */
166     protected RemindInfo remindInfo;
167
```

```
168     /** Free-form text describing any specific appointment details */
169     protected String details;
170
171
172     /**
173      * Process data field
174      */
175
176     /** The unique key for storing this in the UserCalendar items list */
177     protected ItemKey itemKey;
178 }
```