Plugin Tracker Calendar

This wiki plugin allows to manage tracker items as resources while displaying them in calendar views, or calendar event lists since Tiki19.

Requirements

1. TrackerCalendar wiki-plugin requires "Format to use for tracker field keys" on Admin > Search panel to be set to "Permanent Name", otherwise it will not show the tracker items in the calendar.
2. Beware to set the threshold for the tracker item listing to a value that suits your needs (higher than the number of items that you want to display in the TrackerCalendar). You can increase that threshold (it's 25 items by default) at **Control Panels > Look and Feel > Pagination > Maximum number of records in listings**. See #Listing_threshold

History

This wiki plugin was added in Tiki10 to allow managing tracker items as resources in a calendar view: i.e. using "Resource View" to render the content of a tracker. There is a profile called "Tracker_as_Calendar_12" (included in the Profiles Wizard since Tiki12) to let users learn by playing with a working instance of it properly set up with demo data. In Tiki29, the underlying library (and related profile) were updated to the original which has been modernized and now offers Resource View

In Tiki there is:

Fullcalendar-resoruceviews, version 1.6.1.6 (12/3/13). Latest released version of Jarno Kurlin's FullCalendar fork is v1.6.4.1 (2014-01-12).

v1.5.3 of (original) FullCalendar by Adam Shaw

Parameters

Plugin PluginTikiDocFromCode failed : Either the module, plugin, preferences, tracker field or prefsexport parameter must be set, but not two or more.

How to use

Before using this wiki plugin, you must have a tracker with different fields that are compatible with the plugin. The tracker should include the following field types in order to work with this wiki plugin:

- **Field to be mapped as the event's start date(begin) :** A DateTime type field that will contain the start date of each event.

- **Field to be mapped as the event's end date(end) :** A DateTime type field that will contain the end date of each event.

- **Field to be mapped as the event's background color (coloring):** A Text field that will store the CSS color for each event (examples: pink, #800000, rgb(255, 0, 0) — you can choose any format you like. Here's a link that lists CSS colors you can use).

- **Field to be mapped as the event's title (title):** Text field where you can write a title for each of your events.

- **Field to be mapped as the event's description (description):** A Text Area or Text field where you can write a description for each of your events.

- **Field to be mapped as the event's resource (resource):** A Text field used to categorize your events. You'll see how this categorization appears in the images and examples that follow.

However, when using the Tracker Calendar plugin, we use the permanent names of the tracker fields instead of their display names.

And here is the content of my tracker:

The permanent name is the text I highlighted in the image above.

```
{trackercalendar trackerId="5" begin="franckcalendarBeginEvent" title="franckcalendarTitleEvent"
end="franckcalendarEndEvent" resource="franckcalendarResourceEvent" description="franckcalendarDescriptionEvent"
coloring="franckcalendarColorEvent" lyear="y"}
```

Result

Parameters: Extended

When clicking a calendar item the default action is to open an edit window to change the data values. Setting the "Extended" parameter to "yes" indicates that the standard data entry window should be bypassed and navigation should move to the page specified in the "url" parameter. The URL parameter becomes visible when Extended is set to "yes."

Passing Values

Several values are passed to the page indicated by the "url" parameter. These values are passed both as Wiki Argument Variables for use in the Wiki page and JQuery "sessionstorage" values for easy retrieval via Javascript embedded in the Wiki page. In addition to the values listed in the below table, tracker values for the ItemIds listed in the "List Detail Popup" field will also be passed with the "Item Name" acting as the variable name for the passed value. All spaces in item names are replaced with underscores when used as variable names.

Variable	Description
trackerid	The id number of the tracker that was used to create the calendar
itemid	The id of the data item that was selected to trigger invocation of the called page
title	The value used as the title for the scheduled item selected on the calendar
start	The start time of the item selected on the calendar
end	The end time of the item selected on the calendar

Parameter: Tracker item id

It is the default action of the trackercalendar plugin to pass "itemId" in mixed case (camel case) that is meaningful to tracker plugins on the page being opened. Setting this value to "no" gives more control of the tracker plugins to the developer by passing itemid in all lower case which is not meaningful to tracker plugins.

An example for when this would be handy is if the tracker on the page being opened is not the same as the one used to generate the calendar. If the intent were to search a related track by the title of the selected calendar item then "Tracker item id" would need to be "no" to prevent the tracker plugin from trying to automatically present the passed ItemId rather than the result of the title search. If the tracker plugin of the page being opened is the same tracker as was used to create the calendar, the page is just intended to present a greater amount of info from the tracker, setting "Tracker item id" to yes would automatically bring up the correct reference.

Colormap

Since Tiki18, if you want to ensure a consistent color map, you can pin priorities to values using the parameter colormap, with value and color separated with a comma and using pipes to separate multiple colors.

```
{trackercalendar trackerId="3" begin="trac_as_cal_start_date" end="trac_as_cal_end_date"
resource="trac_as_cal_summary" coloring="trac_as_cal_priority" colormap="1,#6cf|2,#6fc|3,#c6f|4,#cf6|5,#f6c|6,#fc6"}
```

This way you can pin values of priorities to given colors. If the value is not in the colormap, then it falls back to the next color from the default list.

Example 1

This feature can be tested easily when you apply the corresponding profile that is a simple showcase for it:

- http://profiles.tiki.org/Tracker_as_Calendar_10
- http://profiles.tiki.org/Tracker_as_Calendar_11
- http://profiles.tiki.org/Tracker_as_Calendar_12

You can edit a wiki page, and look for the Plugin TrackerCalendar through the help icon, and enter the permanent names of the fields that you want to use for the display. In this example, they come from the installation of Profile "Tracker as Calendar" (http://profiles.tiki.org/Tracker_as_Calendar_10). It would look like this:

```
This is a test for the feature TrackerCalendar: http://doc.tiki.org/PluginTrackerCalendar {trackercalendar trackerId="3"
begin="trac_as_cal_start_date" end="trac_as_cal_end_date" resource="trac_as_cal_summary"
coloring="trac_as_cal_priority"}
```

Once you populate the tracker with some more data for the appropriate dates for your case, then they would display in a way similar to the following. Once selected **Month view**, they will display like:

Week view

Day view

Resource Day view

Resource Week view

Resource Month view

List views

Example 2

```
{TRACKERCALENDAR(trackerId="1" begin="begin" end="end" resource="resource" coloring="project")} {filter
content=test me} {filter content="{ {user}}" field=tracker_field_author} {TRACKERCALENDAR}
```

This previous example will list all items from all trackers in the same tiki site (beyond just tracker 1 defined in the params) that have the same fields with permanent names as "begin" and "end", and with field `author` matching the user viewing the page.

Please note:

- The permanent name for the user field in this example above is `author` (not `tracker_field_author`), but for the content filter to work you have to prepend the field permanent name with `tracker_field_` , thus resulting in this case in `field=tracker_field_author` .

Example 3

```
{TRACKERCALENDAR(trackerId="1" begin="begin" end="end" resource="resource" coloring="project" aweek="y"
aday="n" rweek="y" rmonth="y" rday="n" fDayofWeek="1" dView="resourceMonth")} {filter field="tracker_field_author"
editable="content"} {filter field="tracker_field_status" editable="content"} {TRACKERCALENDAR}
```

Since Tiki 16.3: This previous example looks initially very similar to the Example 2, but some more default parameters are set to choose which options are shown in the calendar navigation top bar, as well as exposing to filter fields on top of the calendar, which will allow the user to select values and filter in real time based.

Please note that you can use the parameters `editable="content"` or `editable="exact"` depending on whether you want to allow partial matches with many words, or looking for an match of a full sentence, for instance.

Listing threshold

Beware to set the threshold for the tracker item listing to a value that suits your needs (higher than the number of items that you want to display in the TrackerCalendar). You can increase that threshold (it's 25 items by default) at **Control Panels > Look and Feel > Pagination > Maximum number of records in listings**:

Related

- Profiles:
  - Tracker_as_calendar_19
  - Tracker_as_calendar_12
- PluginTracker
- Trackers
- EventCalendar (original)
  https://github.com/vkurko/calendar