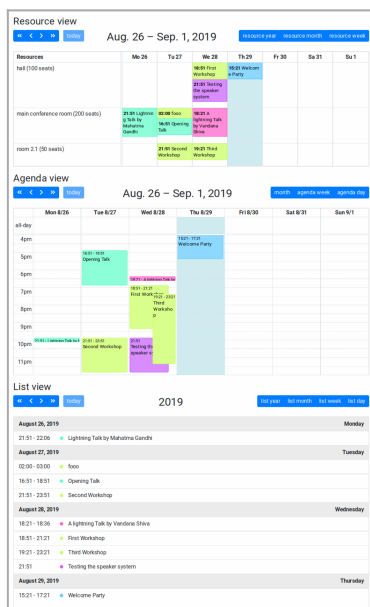


See also [Front-ends to Tracker data](#)

## 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](#).



Click to expand

## 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](#)
3. Since [Tiki19](#), you need to install an extra package: **fullcalendar-scheduler**, which you can easily add through the web interface to add extra [Packages](#) in Tiki.

## History

This [wiki plugin](#) was added in [Tiki10](#) to allow managing tracker items as resources in a calendar view: i.e. using "Resource View" [fork by Jarno Kurlin](#) of [FullCalendar jQuery plugin](#) (original by Adam Shaw) 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 [Tiki19](#), the underlying library (and related profile) were updated to the [original which has been modernized](#) and now offers Resource View:

- <https://packagist.org/packages/fullcalendar/fullcalendar> built-in
- <https://packagist.org/packages/fullcalendar/fullcalendar-scheduler> available as one of the [Packages](#), for Resource View

In Tiki there is:

Fullcalendar 3.9 & Fullcalendar-scheduler 1.10

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

Create and display a calendar using tracker data

*Introduced in Tiki 10. Required parameters are in **bold**.*

[Go to the source code](#)

*Preferences required:* wikiplugin\_trackercalendar

Parameters	Accepted Values	Description	Default	Since
(body of plugin)		Add list plugin style {filter} and {format} blocks		
<b>begin</b>	word	Permanent name of the field to use for event beginning		10.0
<b>end</b>	word	Permanent name of the field to use for event ending		10.0
<b>coloring</b>	word	Permanent name of the field to use to segment the information into color schemes.		10.0
<b>colormap</b>	text	Colormap to be used when segmenting the information using the coloring field. Each map is composed of value and color separated with a comma, use pipes to separate multiple colormaps: <code>1,#6cf 2,#6fc</code>		18.0
<b>resource</b>	word	Permanent name of the field to use as the resource indicator		10.0

<code>maxHourOfDay</code>	text	Last time slot that will be displayed for each day, e.g. 24:00:00	24:00:00	19.1
<code>minHourOfDay</code>	text	First time slot that will be displayed for each day, e.g. 07:00:00	07:00:00	19.1
<code>dDay</code>	int	Choose the default day (dd) to use for the display	0	12.1
<code>dMonth</code>	int	Choose the default month (mm, as numeric value) to use for the display. Numeric values here are 1-based, meaning January=1, February=2, etc	0	12.1
<code>dYear</code>	int	Choose the default year (yyyy) to use for the display	0	12.1
<code>fDayOfWeek</code>	int	Choose the day that each week begins with, for the tracker calendar display. The value must be a number that represents the day of the week: Sunday=0, Monday=1, Tuesday=2, etc. Default: 0 (Sunday)	0	12.1
<code>weekends</code>	(blank) y n	Display Saturdays and Sundays (shown by default)	y	
<code>slotDuration</code>	text	Frequency for displaying time slots, e.g. 00:30:00 (defaults to the <code>calendar_timespan</code> preference)	00:30:00	19.1
<code>maxEvents</code>	int	Adjust the maximum number of events to display in calendar views	200	22
<code>aday</code>	(blank) y n	Display the option to change the view to agenda by days	y	12.1
<code>amonth</code>	(blank) y n	Display the option to change the view to agenda by months	y	12.1
<code>aweek</code>	(blank) y n	Display the option to change the view to agenda by weeks	y	12.1

dView	(blank)  month  agendaWeek  agendaDay  list  listMonth  listWeek  listDay  timelineYear  timelineMonth  timelineWeek  timelineDay	Choose the default view for the Tracker Calendar	month	12.1
external	(blank) y n	Follow external link when event item is clicked. Useful for supporting links to pretty tracker supported pages.	n	12.4
lday	(blank) y n	Display the option to change the view to list by days	n	20.1
lmonth	(blank) y n	Display the option to change the view to list by months	n	20.1
lweek	(blank) y n	Display the option to change the view to list by weeks	n	20.1
lyear	(blank) y n	Display the option to change the view to list by years	n	20.1
eventOverlap	(blank) y n	Allow resources to overlap in time.	y	20.1
rday	(blank) y n	Display the option to change the view to resources by days	y	12.1
rmonth	(blank) y n	Display the option to change the view to resources by months	y	12.1
rweek	(blank) y n	Display the option to change the view to resources by weeks	y	12.1
ryear	(blank) y n	Display the option to change the view to resources by years	n	20.1

<code>trackerId</code>	int	Tracker to search from	0	10.0
<code>url</code>	url	Complete URL, internal or external.		12.4
<code>addAllFields</code>	(blank) y n	If Yes ( <b>y</b> ) all fields in the tracker will be added to the URL, not just the <code>itemId</code>	y	12.4
<code>trkitemid</code>	(blank) y n	If Yes ( <b>y</b> ) the item id will be passed as <code>itemId</code> , which can be used by Tracker plugins. Will be passed as <code>itemid</code> if No ( <b>n</b> )	n	12.4
<code>useSessionStorage</code>	(blank) y n	If Yes ( <b>y</b> ) copy all the field values into <code>window.sessionStorage</code> so it can be accessed via JavaScript.	y	12.4

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

*Unable to load the jQuery Sortable Tables feature.*

## 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_10)
- [http://profiles.tiki.org/Tracker\\_as\\_Calendar\\_11](http://profiles.tiki.org/Tracker_as_Calendar_11)
- [http://profiles.tiki.org/Tracker\\_as\\_Calendar\\_12](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](http://profiles.tiki.org/Tracker_as_Calendar_10)). It would look like this:

✕
Tracker Calendar

Uses full calendar to render the content of a tracker.

**Tracker ID**   
Tracker to search from

**Begin date field**   
Permanent name of the field to use for event beginning

**End date field**   
Permanent name of the field to use for event ending

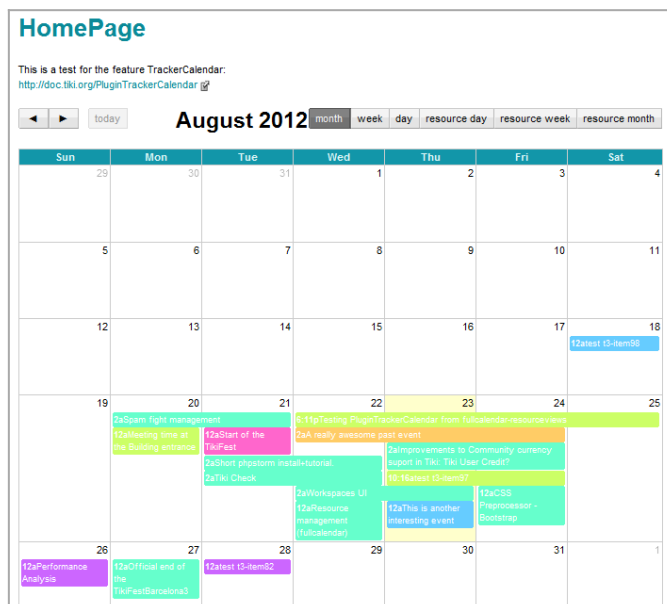
**Resource descriptor field**   
Permanent name of the field to use as the resource indicator

**Coloring discriminator field**   
Permanent name of the field to use to segment the information into color schemes.

Click to expand

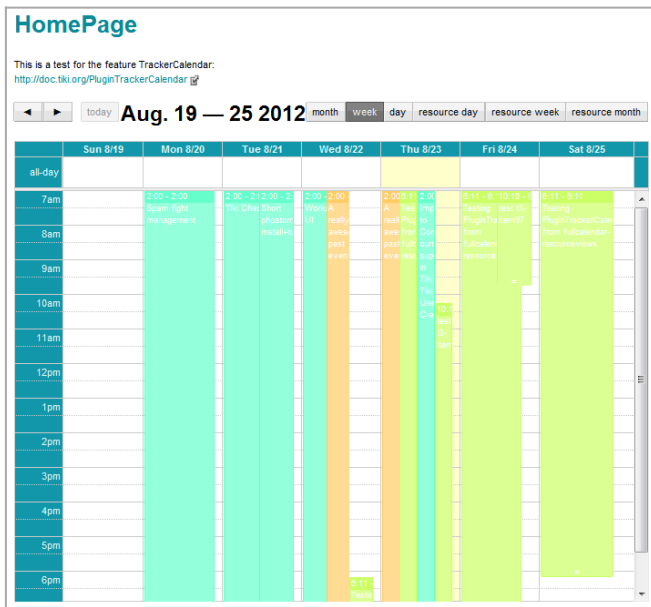
This is a test for the feature TrackerCalendar: <http://doc.tiki.org/PluginTrackerCalendar>  
`{trackercalendar trackerId="3" begin="trac_as_cal_start_date" end="trac_as_cal_end_date" resource="trac_as_cal_summary" coloring="trac_as_cal_priority"}`

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:



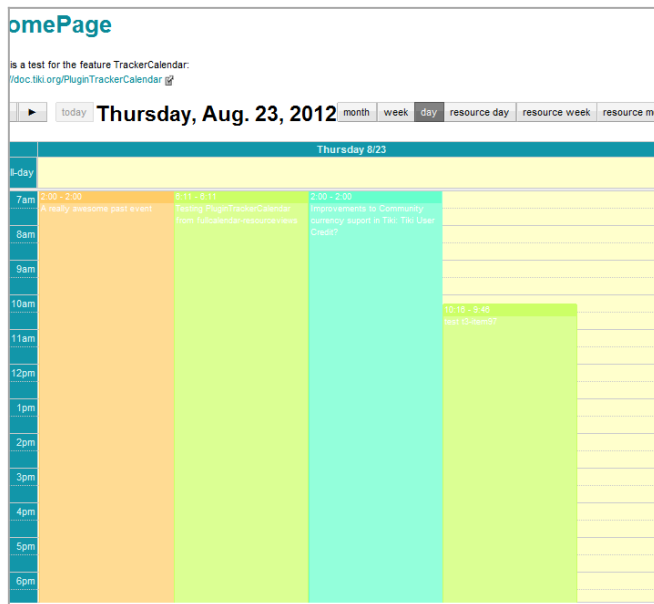
Click to expand

Week view



Click to expand

## Day view



Click to expand

## Resource Day view



**HomePage**

This is a test for the feature TrackerCalendar:  
<http://doc.tiki.org/PluginTrackerCalendar>

today **Thursday, Aug. 23, 2012** month week day resource day resource week resource month

	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30
A really awesome past event	A really awesome past event																									
CSS Preprocessor - Bootstrap																										
Improvements to Community currency support in Tiki: Tiki User Credit?	Improvements to Community currency support in Tiki: Tiki User Credit?																									
Meeting time at the Building entrance																										
Official end of the TikiFestBarcelona3																										
Performance Analysis																										
Resource management (fulcalendar)																										
Short phptorm install-tutorial.																										
Spam fight management																										
Start of the TikiFest																										
test t3-item82																										
test t3-item97	10-16test t3-item97																									
test t3-item98																										
Testing PluginTrackerCalendar from fulcalendar-resourceviews	Testing PluginTrackerCalendar from fulcalendar-resourceviews																									

Click to expand

## Resource Week view

**HomePage**

This is a test for the feature TrackerCalendar:  
<http://doc.tiki.org/PluginTrackerCalendar>

today **Aug. 19 — 25 2012** month week day resource day resource week resource month

	Sun 8/19	Mon 8/20	Tue 8/21	Wed 8/22	Thu 8/23	Fri 8/24	Sat 8/25
A really awesome past event					2a6 really awesome past event		
CSS Preprocessor - Bootstrap							
Improvements to Community currency support in Tiki: Tiki User Credit?						2aImprovements to Community currency support in Tiki: Tiki User Credit?	
Meeting time at the Building entrance			12aMeeting time at the Building entrance				
Official end of the TikiFestBarcelona3							
Performance Analysis							
Resource management (fulcalendar)						12aResource management (fulcalendar)	
Short phptorm install-tutorial.				2aShort phptorm install-tutorial.			
Spam fight management				2aSpam fight management			
Start of the TikiFest					12aStart of the TikiFest		
test t3-item82							
test t3-item97							10-16test t3-item97
test t3-item98	12atest						

Click to expand

## Resource Month view

HomePage

This is a test for the feature TrackerCalendar:  
<http://doc.tiki.org/PluginTrackerCalendar>

← today → August 2012 month week day resource day resource week resource month

	8/1	8/2	8/3	8/4	8/5	8/6	8/7	8/8	8/9	8/10	8/11	8/12	8/13	8/14	8/15	8/16	8/17	8/18	8/19	8/20	8/21	8/22	8/23	8/24	8/25	8/26	8/27	8/28	8/29	8/30	8/31		
A really awesome past event																																	
CSS Preprocessor - Bootstrap																																	
Improvements to Community currency support in Tiki: Tiki User Credit?																																	
Meeting time at the Building entrance																																	
Official end of the TikiFestBarcelona3																																	
Performance Analysis																																	
Resource management (fullcalendar) Short photostorm install-tutorial.																																	

Click to expand

## Resource Year view

Resource view

« < > » today 2019 resource year resource month resource week

Resources	August							September			
	Mo 25	Tu 26	We 27	Th 28	Fr 29	Sa 30	Su 31	Mo 1	Tu 2	We 3	We 4
hall (100 seats)			21:51 Welcome Party								
main conference room (200 seats)	21:51 Testing the speaker system	21:51 A lightning talk by Vandana Shiva	21:51 Lightning Talk by Mahatma Gandhi	19:51 Opening Talk							
room 2.1 (50 seats)					21:51 First Workshop						
room 2.2 (15 seats)					21:51 Second Workshop						
room 2.3 (15 seats)					21:51 Third Workshop						

Click to expand

## List views

List view

« < > » today 2019 list year list month list week list day

August 26, 2019		Monday
21:51	Testing the speaker system	
August 27, 2019		Tuesday
21:51 - 23:51	Welcome Party	
21:51 - 22:06	A lightning Talk	
21:51 - 22:06	Lightning Talk	
August 28, 2019		Wednesday
19:51 - 21:51	Opening Talk	
21:51 - 23:51	First Workshop	
21:51 - 23:51	Second Workshop	
21:51 - 23:51	Third Workshop	

Testing the speaker system

Location  
main conference room (200 seats)

Priority  
1

Description  
This event was important to test that everything worked as expected.

Start date  
2019-08-26 21:51

End date  
2019-08-26 19:51

Click to expand

## 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.

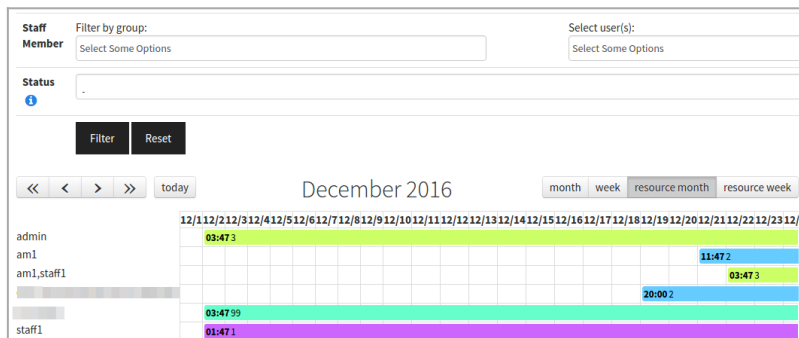
### Please note:

- 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.



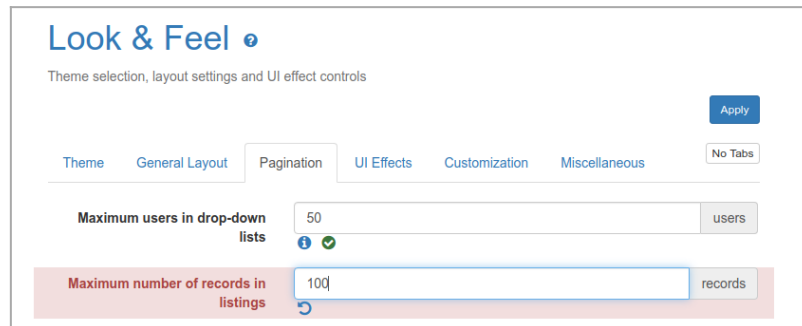
Click to expand

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:**



The screenshot shows the 'Look & Feel' settings interface. The 'Pagination' tab is selected. The 'Maximum number of records in listings' field is highlighted in red and contains the value '100'. The 'Maximum users in drop-down lists' field contains the value '50'. There is an 'Apply' button at the top right and a 'No Tabs' button at the bottom right of the settings area.

Click to expand

## Related

- Profiles:
  - [Tracker\\_as\\_calendar\\_19](#)
  - [Tracker\\_as\\_calendar\\_12](#)
- [PluginTracker](#)
- [Trackers](#)
- FullCalendar (original)  
<http://arshaw.com/fullcalendar/>
- FullCalendar with Resource views (the fork Tiki used between [Tiki12](#) and [Tiki18](#))  
<https://github.com/jarnokurlin/fullcalendar>
- FullCalendar Scheduler (what Tiki will change to for [Tiki19+](#))  
<https://github.com/fullcalendar/fullcalendar-scheduler>