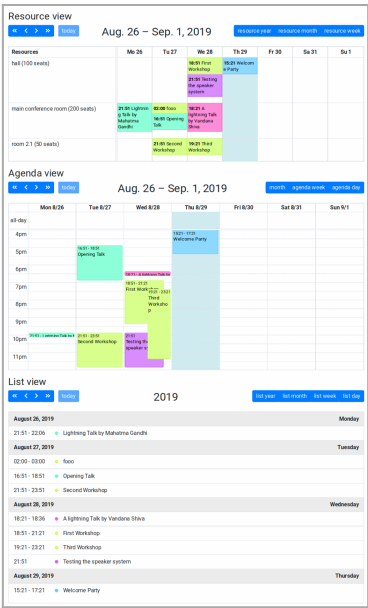


# Plugin Tracker Calendar

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](#)

## 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

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
coloring	word	Permanent name of the field to use to segment the information into color schemes.		10.0
colormap	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: 1,#6cf 2,#6fc		18.0
resource	word	Permanent name of the field to use as the resource indicator		10.0
maxHourOfDay	text	Last time slot that will be displayed for each day, e.g. 24:00:00	24:00:00	19.1
minHourOfDay	text	First time slot that will be displayed for each day, e.g. 07:00:00	07:00:00	19.1

dDay	int	Choose the default day (dd) to use for the display	0	12.1
dMonth	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
dYear	int	Choose the default year (yyyy) to use for the display	0	12.1
fDayofWeek	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: (Sunday)	0	12.1
weekends	(blank) y n	Display Saturdays and Sundays (shown by default)	y	
slotDuration	text	Frequency for displaying time slots, e.g. 00:30:00 (defaults to the calendar_timespan preference)	00:30:00	19.1
maxEvents	int	Adjust the maximum number of events to display in calendar views	200	22
aday	(blank) y n	Display the option to change the view to agenda by days	y	12.1
amonth	(blank) y n	Display the option to change the view to agenda by months	y	12.1
aweek	(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
trackerId	int	Tracker to search from	0	10.0
url	url	Complete URL, internal or external.		12.4
addAllFields	(blank) y n	If Yes (y) all fields in the tracker will be added to the URL, not just the itemId	y	12.4
trkitemid	(blank) y n	If Yes (y) the item id will be passed as itemId, which can be used by Tracker plugins. Will be passed as itemid if No (n)	n	12.4
useSessionStorage	(blank) y n	If Yes (y) copy all the field values into window.sessionStorage 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
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_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
3
Tracker to search from

Begin date field
trac\_as\_cal\_start\_date
Permanent name of the field to use for event beginning

End date field
trac\_as\_cal\_end\_date
Permanent name of the field to use for event ending

Resource descriptor field
trac\_as\_cal\_summary
Permanent name of the field to use as the resource indicator

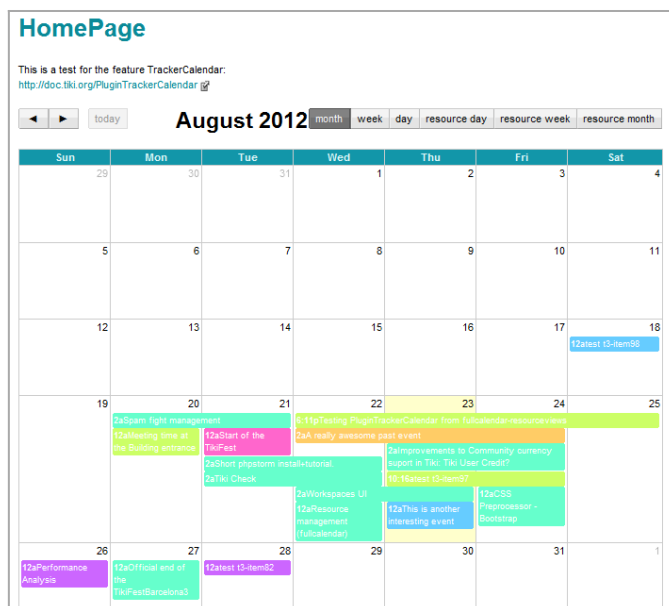
Coloring discriminator field
trac\_as\_cal\_priority
Permanent name of the field to use to segment the information into color schemes.

Close
Insert

Click to expand

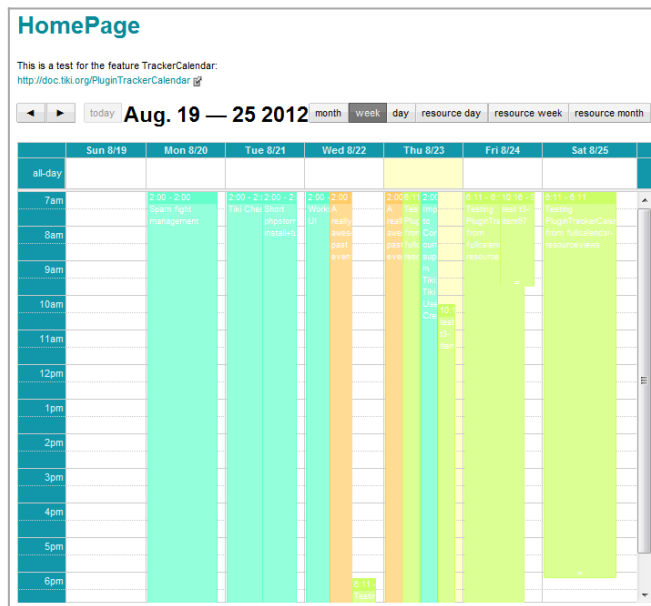
This is a test for the feature TrackerCalendar: `http://doc.tiki.org/PluginTrackerCalendar {trackercalendar trackerId="3" begin="trac_as_cal_start_date" end="trac_as_cal_end_date" resource="trac_as_cal_summary" coloring="trac_as_cal_priority"}`

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:



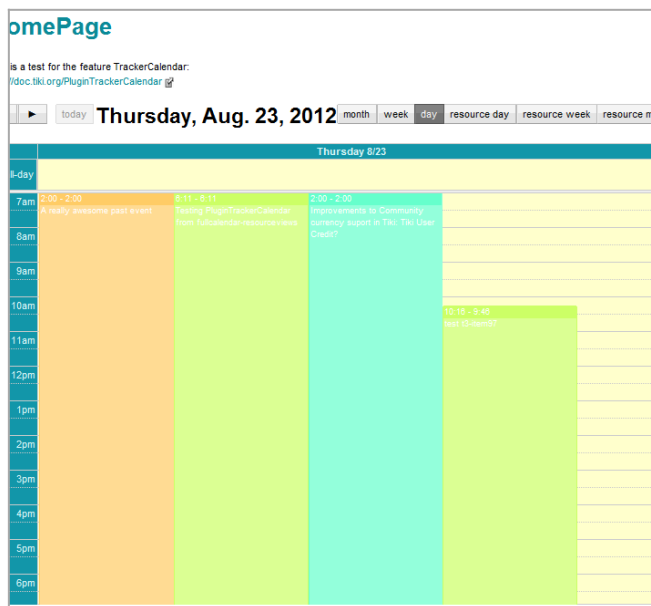
Click to expand

## 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?																												
Meeting time at the Building entrance																												
Official end of the TikiFestBarcelona3																												
Performance Analysis																												
Resource management (fulcalendar)																												
Short phpsstorm install-tutorial.																												
Spam fight management																												
Start of the TikiFest																												
test t3-item82																												
test t3-item97	10-16atest t3-item97																											
test t3-item98																												
Testing PluginTrackerCalendar from fulcalendar-resourceviews	Testing PluginTrackerCalendar from fulcalendar-resourceviews																											
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

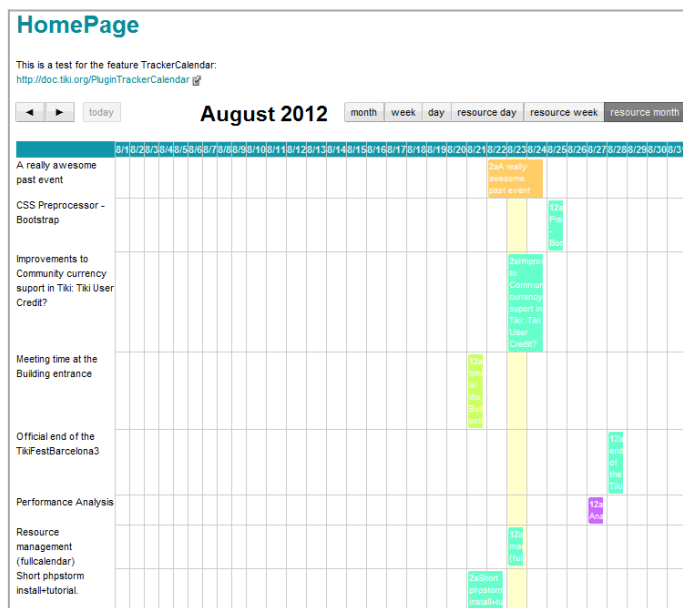
resource week

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					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				Meeting time at the Building entrance			
Official end of the TikiFestBarcelona3							
Performance Analysis							
Resource management (fulcalendar)						Resource management (fulcalendar)	
Short phpsstorm install-tutorial.				Short phpsstorm install-tutorial.			
Spam fight management			Spam fight management				
Start of the TikiFest					Start of the TikiFest		
test t3-item82							
test t3-item97						10-16atest t3-item97	
test t3-item98		test					

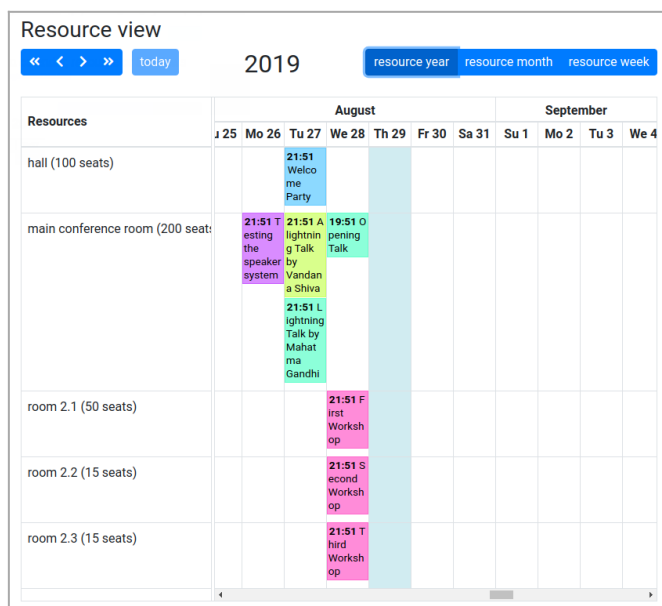
Click to expand

## Resource Month view



Click to expand

## Resource Year view



Click to expand

## List views

List view

<< < > >>

today

2019

list yearlist monthlist weeklist day

August 26, 2019Monday

21:51Testing the speaker system

August 27, 2019Tuesday

21:51 - 23:51Welcome Party

21:51 - 22:06A lightning Talk

21:51 - 22:06Lightning Talk

August 28, 2019Wednesday

19:51 - 21:51Opening Talk

21:51 - 23:51First Workshop

21:51 - 23:51Second Workshop

21:51 - 23:51Third 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.

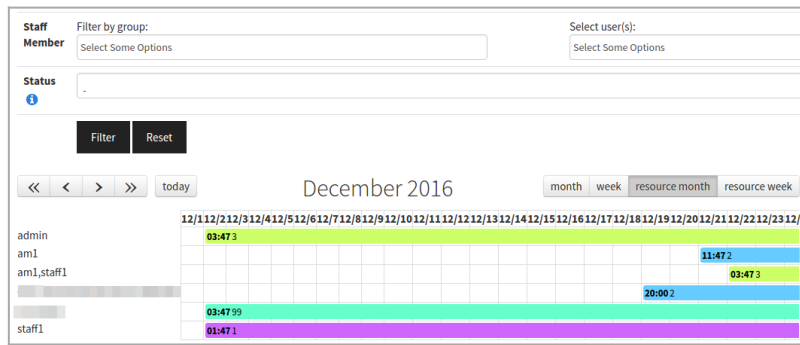
**Please note:**

- 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**:

Click to expand

## Related

- Profiles:
  - [Tracker\\_as\\_calendar\\_19](#)
  - [Tracker\\_as\\_calendar\\_12](#)
- [PluginTracker](#)
- [Trackers](#)
- EventCalendar (original)
  - <https://github.com/vkurko/calendar>