

# 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](#).

The screenshot displays three views of a calendar for the period from August 26 to September 1, 2019.

- Resource view:** A table showing events for three resources: hall (100 seats), main conference room (200 seats), and room 2.1 (50 seats). Events are color-coded by day and time.
- Agenda view:** A Gantt-style chart showing the duration of events across the days. The y-axis represents time from 4pm to 11pm.
- List view:** A chronological list of events with their start and end times and titles.

Resource	Mo 26	Tu 27	We 28	Th 29	Fr 30	Sa 31	Su 1
hall (100 seats)			18:51 First Workshop	18:21 Welcome Party			
main conference room (200 seats)	21:51 Lighting talk by Mahatma Gandhi	02:00 fooo	16:51 Opening Talk	18:21 A lightning talk by Vandana Shiva			
room 2.1 (50 seats)		21:51 Second Workshop	19:21 Third Workshop				

Time	Mon 8/26	Tue 8/27	Wed 8/28	Thu 8/29	Fri 8/30	Sat 8/31	Sun 9/1
4pm				18:21 Welcome Party			
5pm		16:51 Opening Talk					
6pm			18:21 A lightning talk				
7pm			18:51 First Workshop				
8pm			19:21 Third Workshop				
9pm							
10pm	21:51 Lighting Talk	21:51 Second Workshop	21:51 Testing the speaker system				
11pm							

Date	Day	Event
August 26, 2019	Monday	
21:51 - 22:06		Lighting Talk by Mahatma Gandhi
August 27, 2019	Tuesday	
02:00 - 03:00		fooo
16:51 - 18:51		Opening Talk
21:51 - 23:51		Second Workshop
August 28, 2019	Wednesday	
18:21 - 18:36		A lightning Talk by Vandana Shiva
18:51 - 21:21		First Workshop
19:21 - 23:21		Third Workshop
21:51		Testing the speaker system
August 29, 2019	Thursday	
15:21 - 17:21		Welcome Party

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.

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 Please note

The wiki-plugin is not using the Tiki feature [Calendar](#), so you don't need to have Tiki's "Calendar" feature enabled for this plugin to display data in a calendar view.

## HISTORY

This [wiki plugin](#) was added in [Tiki10](#) to allow managing tracker items as resources in a calendar view: i.e. using "Resource View" [for](#) 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)

**begin**

**end**

coloring

colormap

resource

word

word

word

text

word



Add list plugin style `{filter}` and `{format}` blocks

Permanent name of the field to use for event beginning

Permanent name of the field to use for event ending

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

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`

Permanent name of the field to use as the resource indicator

10.0

10.0

10.0

18.0

10.0

maxHourOfDay

minHourOfDay

dDay

dMonth

dYear

text

text

int

int

int

Last time slot that will be displayed for each day, e.g.  
24:00:00

First time slot that will be displayed for each day, e.g.  
07:00:00

Choose the default day (dd) to use for the display

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

Choose the default year (yyyy) to use for the display

24:00:00 19.1

07:00:00 19.1

0 12.1

0 12.1

0 12.1

fDayofWeek

weekends

slotDuration

maxEvents

int

(blank)

y

n

text

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)

Display Saturdays and Sundays (shown by default)

Frequency for displaying time slots, e.g. 00:30:00 (defaults to the calendar\_timespan preference)

Adjust the maximum number of events to display in calendar views

0	12.1
<i>y</i>	
00:30:00	19.1
200	22

aday

amonth

aweek

dView

(blank)

y

n

(blank)

y

n

(blank)

y

n

(blank)| month| agendaWeek| agendaDay| list| listMonth|  
listWeek| listDay| timelineYear| timelineMonth|  
timelineWeek| timelineDay

Display the option to change the view to agenda by days

Display the option to change the view to agenda by months

Display the option to change the view to agenda by weeks

Choose the default view for the Tracker Calendar

y 12.1

y 12.1

y 12.1

month 12.1

external

↳day

↳month

↳week

(blank)

y

n

(blank)

y

n

(blank)

y

n

(blank)

y

n

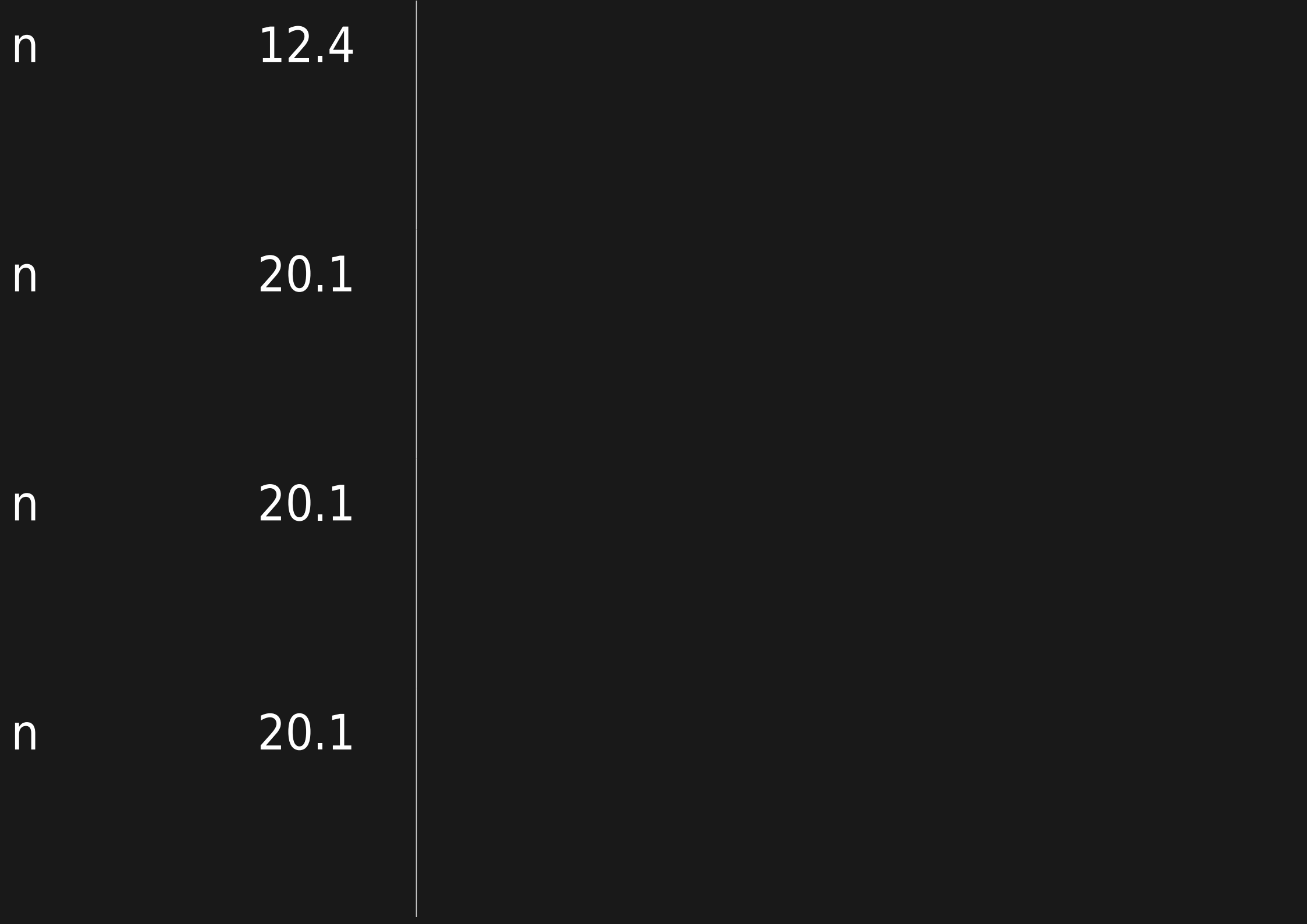


Follow external link when event item is clicked. Useful for supporting links to pretty tracker supported pages.

Display the option to change the view to list by days

Display the option to change the view to list by months

Display the option to change the view to list by weeks



lyear

eventOverlap

rday

rmonth

(blank)

y

n

(blank)

y

n

(blank)

y

n

(blank)

y

n

Display the option to change the view to list by years

Allow resources to overlap in time.

Display the option to change the view to resources by days

Display the option to change the view to resources by months

n 20.1

y 20.1

y 12.1

y 12.1

rweek

ryear

trackerId

url

addAllFields

(blank)

y

n

(blank)

y

n

int

url

(blank)

y

n



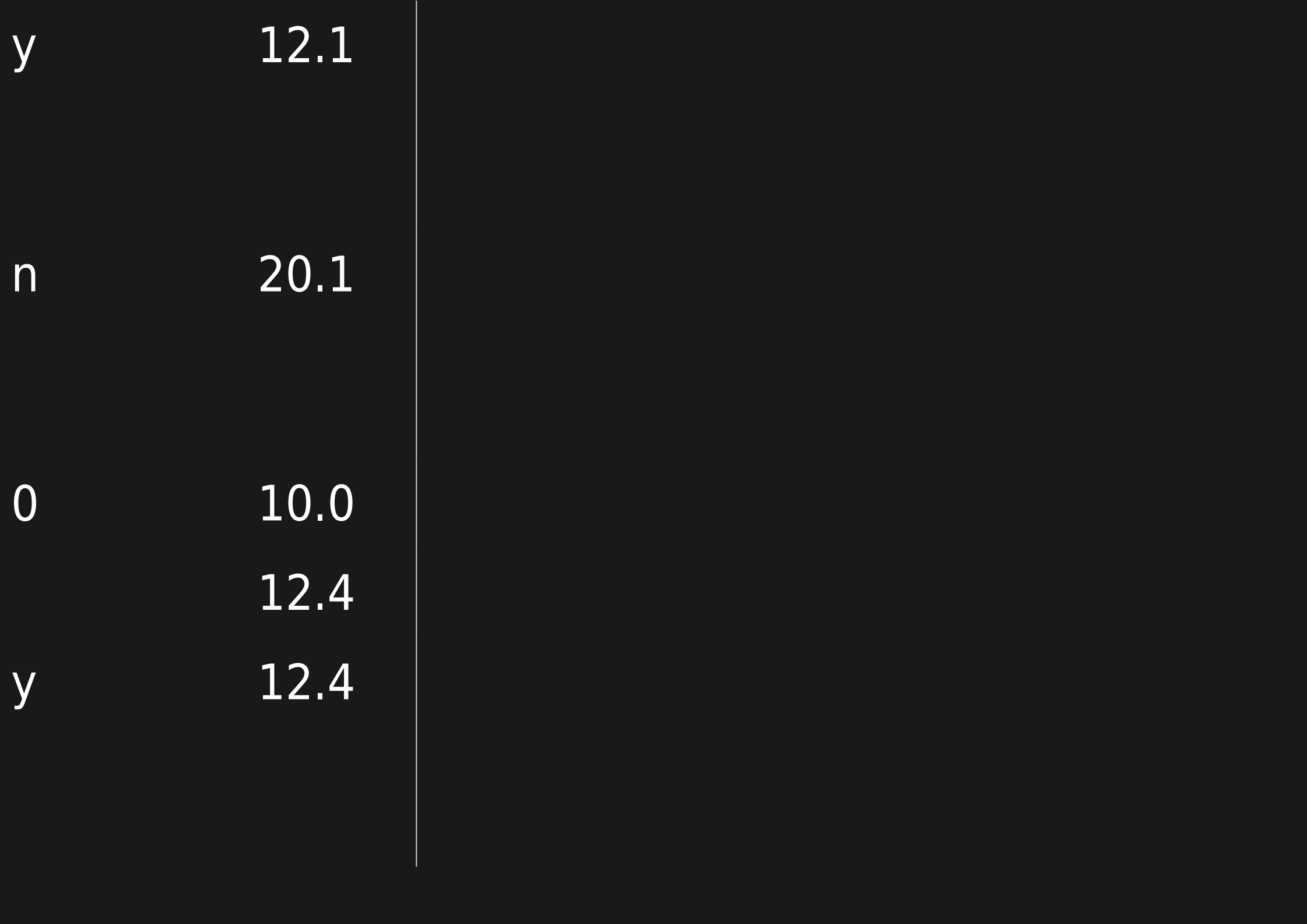
Display the option to change the view to resources by weeks

Display the option to change the view to resources by years

Tracker to search from

Complete URL, internal or external.

If Yes () all fields in the tracker will be added to the URL, not just the itemId



trkitemid

useSessionStorage

---

(blank)

y

n

(blank)

y

n

---

If Yes () the item id will be passed as `itemId`, which can be used by Tracker plugins. Will be passed as `itemid` if

No ()

If Yes () copy all the field values into `window.sessionStorage` so it can be accessed via JavaScript.

---

n	12.4
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

**trackerid**

**itemid**

**title**

**start**

**end**

---

## Description

The id number of the tracker that was used to create the calendar

The id of the data item that was selected to trigger invocation of the called page

The value used as the title for the scheduled item selected on the calendar

The start time of the item selected on the calendar

The end time of the item selected on the calendar



## PARAMETER: TRACKER ITEM ID

is the default action of the trackercalendar plugin to pass "itemId" in mixed case (camel case) that is meaningful to tracker plugin 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.

<b>Tracker ID</b>	<input type="text" value="3"/>
	<small>Tracker to search from</small>
<b>Begin date field</b>	<input type="text" value="trac_as_cal_start_date"/>
	<small>Permanent name of the field to use for event beginning</small>
<b>End date field</b>	<input type="text" value="trac_as_cal_end_date"/>
	<small>Permanent name of the field to use for event ending</small>
<b>Resource descriptor field</b>	<input type="text" value="trac_as_cal_summary"/>
	<small>Permanent name of the field to use as the resource indicator</small>
<b>Coloring discriminator field</b>	<input type="text" value="trac_as_cal_priority"/>
	<small>Permanent name of the field to use to segment the information into color schemes.</small>

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:

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

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18 12atest t3-item98
19	20 2aSpam fight management 12aMeeting time at the Building entrance	21 12aStart of the TikiFest	22 6:11pTesting PluginTrackerCalendar from fullcalendar-resourceviews 2aA really awesome past event	23 2aImprovements to Community currency support in Tiki: Tiki User Credit?	24 10:16atest t3-item97	25 12aCSS Preprocessor - Bootstrap
26 12aPerformance Analysis	27 12aOfficial end of the TikiFestBarcelona3	28 12atest t3-item82	29 2aWorkspaces UI 12aResource management (fullcalendar)	30 12aThis is another interesting event	31	1

Click to expand

WEEK VIEW

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

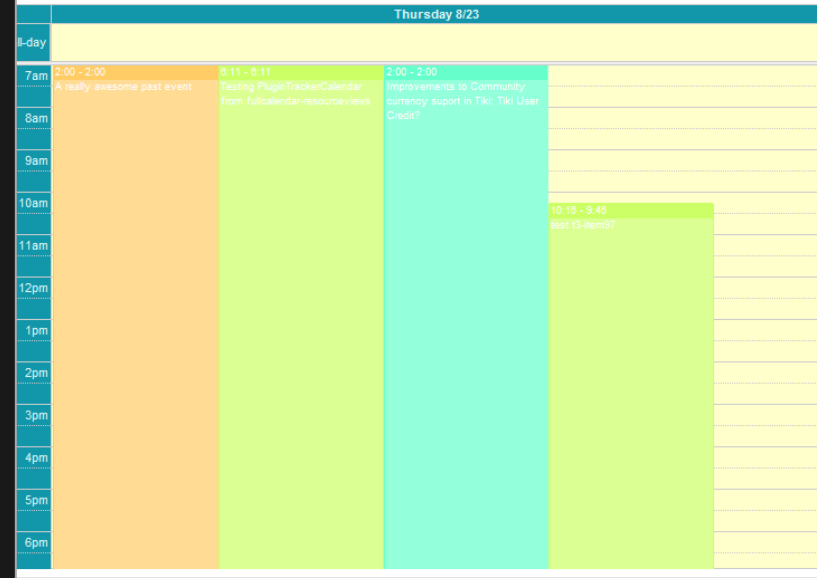
	Sun 8/19	Mon 8/20	Tue 8/21	Wed 8/22	Thu 8/23	Fri 8/24	Sat 8/25
all-day							
7am		2:00 - 2:00 Spam fight management	2:00 - 2:12:00 - 2: Tiki Chat Short	2:00 - 2:00 Work A	2:00-8:11 2:00 A: Test Imp real Plug to	8:11 - 8:10:10 - 8: Testing test v5-	8:11 - 8:11 Testing
8am			phpstorm install-ti	UI really awea past even	Test Tiki User Cre	PluginTra item97 from fulcalen resource	PluginTracker/Cal from fullcalen resourceviews
9am							
10am							
11am							
12pm							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm					6:11 - Testin		

Click to expand

## DAY VIEW

is a test for the feature TrackerCalendar:  
//doc.tiki.org/PluginTrackerCalendar

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



Click to expand

# RESOURCE DAY VIEW

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

Navigation: < | > | 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 phpstorm install-tutorial																												
Spam fight management																												
Start of the TikiFest																												
test t3-item82																												
test t3-item97	test 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

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

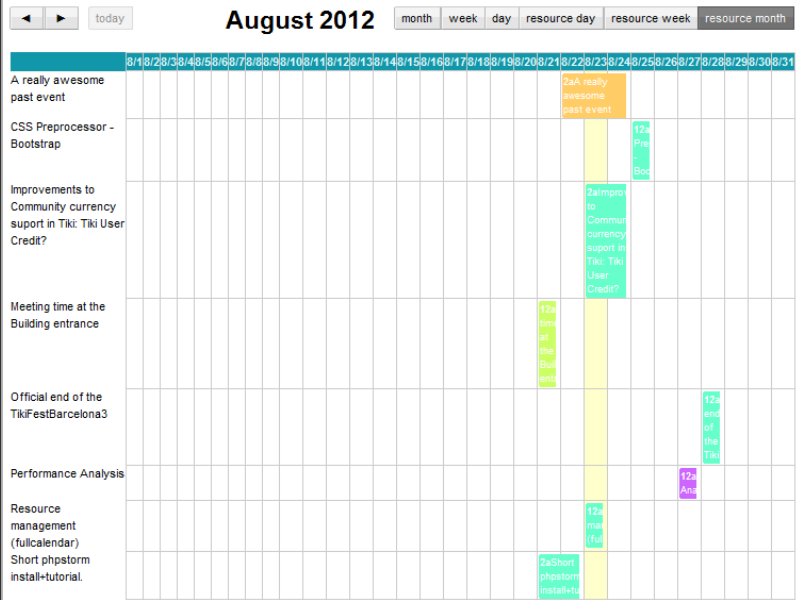
today **Aug. 19** — 25 2012 month week day resource day resource week resource month

	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					2aA really awesome past event		
CSS Preprocessor - Bootstrap							
Improvements to Community currency suport in Tiki: Tiki User Credit?						2aImprovements to Community currency suport 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 phpstorm install-tutorial.				2aShort phpstorm install-tutorial.			
Spam fight management			2aSpam fight management				
Start of the TikiFest					12aStart of the TikiFest		
test t3-item82							
test t3-item97							10:16atest t3-item97
test t3-item98		12atest					

Click to expand

## RESOURCE MONTH VIEW

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



Click to expand

# RESOURCE YEAR VIEW



### Resource view

[«](#) [<](#) [>](#) [»](#)
today
2019
resource year
resource month
resource week

Resources	August							September			
	25	Mo 26	Tu 27	We 28	Th 29	Fr 30	Sa 31	Su 1	Mo 2	Tu 3	We 4
hall (100 seats)			21:51 Welcome Party								
main conference room (200 seats)		21:51 Testing the speaker system	21:51 Lightning Talk by Vandana Shiva	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:

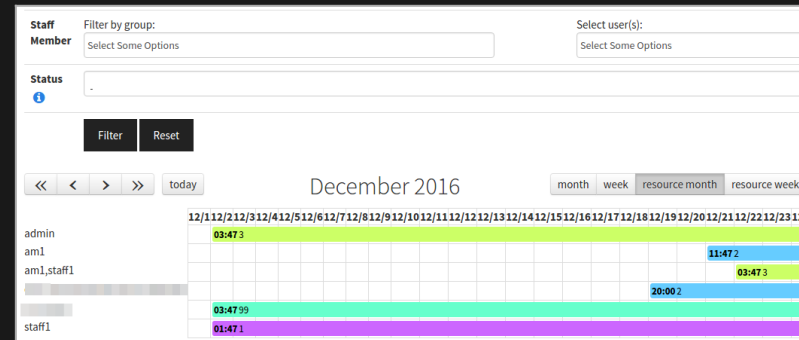
- The permanent name for the user field in this example above is `author` (not `tracker_field_author`), but for the content filter to work you have to prepend the field permanent name with `tracker_field_`, thus resulting in this case in `field=tracker_field_author`.

## 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.

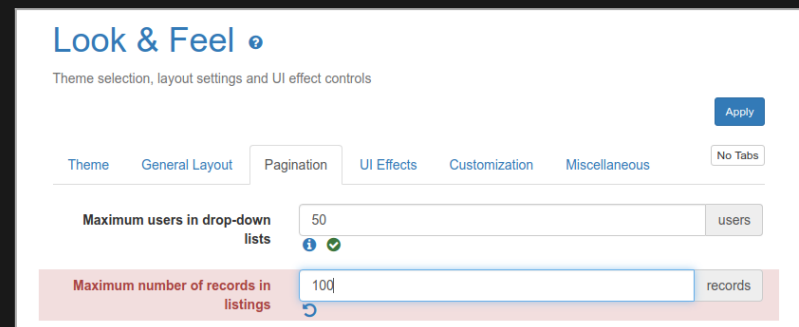


Click to expand

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 a 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](#)
- [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>