

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](#).

today2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
13:00 Telemundo meeting		00:00	07:00			
		Christophe meeting	Dinner with Sina member			
			22:00			
			Tiki round table			
22	23	24	25	26	27	28
	22:00	16:00			22:00	
	Magistra journey	Carmen beloved				
29	30	1	2	3	4	5
00:00					22:00	
Magistra journey					Kiku coming	

<>

19 Jun2025

monthweekdaylistyearlistweeklistdayresource monthresource weekresource day

Thursday19 June 2025

07:00-08:00

Dinner with time member

22:00-23:00

Tiki round table

[Export as PDF](#)

<>

July2025

monthweekdaylistyearlistweeklistdayresource monthresource weekresource day

	21:00	22:00	23:00	01:00	02:00
Autre					
Grand film					
Love			22:00		
			Emma fiancee's day		
Religious stuff					

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		
begin	word	Permanent name of the field to use for event beginning		10.0
end	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

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.

Tracker Fields: FranckCalendar

+ Add Field

Import Fields

Properties

Fields

List all trackers

List items

<input type="checkbox"/>	ID	Name	Type	Rules	List	Title	Search	Public	Mandatory	Actions
<input type="checkbox"/>	20	beginEvent franckcalendarBeginEvent	Date and Time (Date Picker)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	21	endEvent franckcalendarEndEvent	Date and Time (Date Picker)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	22	TitleEvent franckcalendarTitleEvent	Text Field		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	23	DescriptionEvent franckcalendarDescriptionEvent	Text Area		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	24	colorEvent franckcalendarColorEvent	Text Field		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	25	resourceEvent franckcalendarResourceEvent	Text Field		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Click to expand

And here is the content of my tracker:

<

FranckCalendar

+ Create Item

Properties

Fields

List all trackers

⋮

Items

3

<input type="checkbox"/>	beginEvent	endEvent	TitleEvent	DescriptionEvent	colorEvent	resourceEvent	
<input type="checkbox"/>	2025-06-16 22:00	2025-06-16 23:00	UN Conference of open source	Marc and Jeff attend to this	yellow	Conference	
<input type="checkbox"/>	2025-06-25 22:00	2025-06-25 23:00	Birthday's Blaise	Blaise is the brother who come after me	chocolate	Birthday	
<input type="checkbox"/>	2025-06-01 03:00	2025-06-02 03:01	Goma's party	Party This is very important day for Goma people	#FFA500	Party	

Select the action to be performed with checked...

OK

Click to expand

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

< >

June 2025

month

week

day

list year

resource month

resource week

resource day

today

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 03:00 Goma's party	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16 22:00 UN Conference of open source	17	18	19	20	21
22	23	24	25 22:00 Birthday's Blaise	26	27	28
29	30	1	2	3	4	5

Click to expand

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19 May 2025 – 18 May 2026

month

week

day

list year

resource month

resource week

resource day

today

Sunday

03:00–00:00
Goma's party

Monday

00:00–03:01
Goma's party

22:00–23:00
UN Conference of open source

Wednesday

22:00–23:00
Birthday's Blaise

1 June 2025

2 June 2025

25 June 2025

Click to expand

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

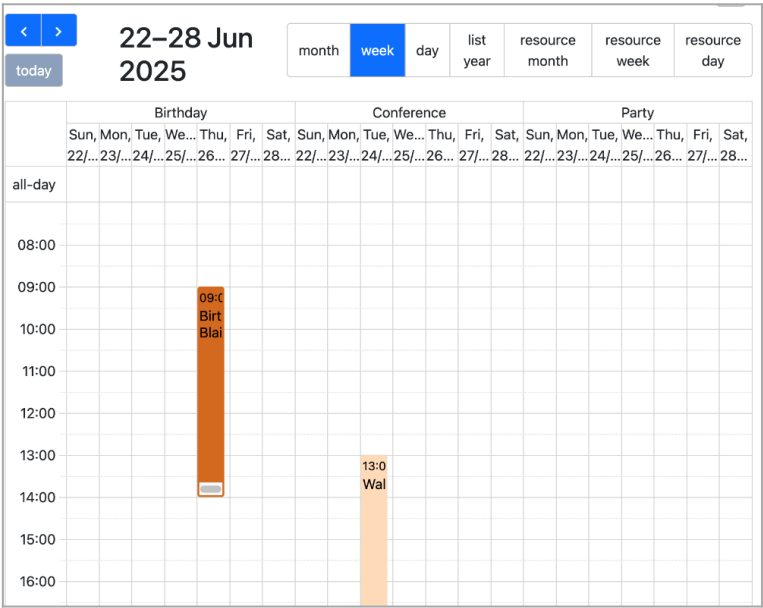
You can edit a wiki page, and look for the Plugin TrackerCalendar through the help icon, and enter the permanent names of the fields that you want to use for the display. In this example, they come from the installation of Profile "Tracker as Calendar" (http://profiles.tiki.org/Tracker_as_Calendar_10).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

Click to expand

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:

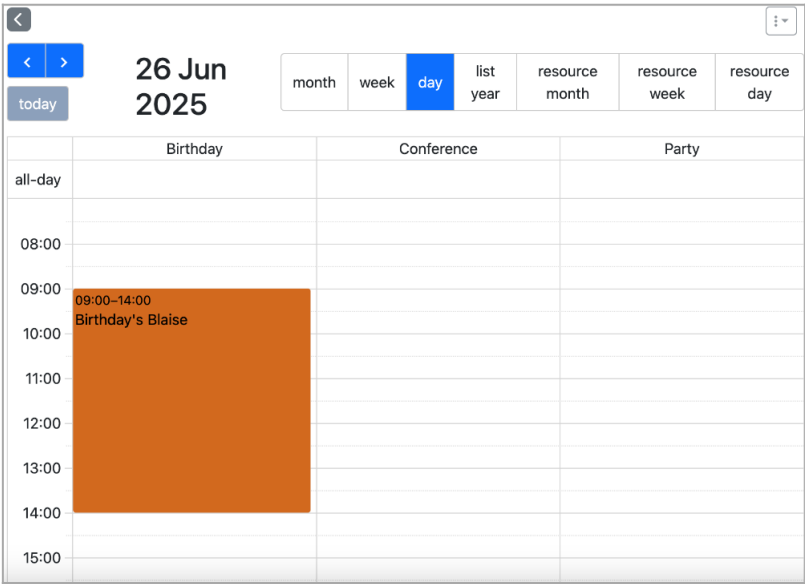
Click to expand

Week view



Click to expand

Day view



Click to expand

Resource Day view

<

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26 June 2025

monthweekdaylist yearresource monthresource weekresource day

today

	Thursday	07:00	08:00	09:00	10:00	11:00	12:00
Birthday				09:00 Birthday's Blaise			
Conference							
Party							

PDF

Export as PDF

Click to expand

Resource Week view

<

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22–28 Jun 2025

monthweekdaylist yearresource monthresource weekresource day

today

	Sun, 22/06/2...	Mon, 23/06/2...	Tue, 24/06/2...	Wed, 25/06/2...	Thu, 26/06/2...	Fri, 27/06/2...	Sat, 28/06/2...
Birthday							
Conference				13:00 Walk day			
Party							

PDF

Export as PDF

Click to expand

Resource Month view

<

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June 2025

monthweekdaylist yearresource monthresource weekresource day

today

	Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6	Sat 7
Birthday							
Conference							
Party	07:00 Goma's party						

PDF

Export as PDF

Click to expand

List views

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26 May 2025 – 25 May 2026

today

month

week

day

list year

resource month

resource week

resource day

Sunday1 June 2025

03:00–00:00

Goma's party

Monday2 June 2025

00:00–03:01

Goma's party

Monday16 June 2025

22:00–23:00

UN Conference of open source

Thursday19 June 2025

10:00–11:00

Kiko's day

Saturday21 June 2025

05:00–13:00

Jeanne graduation Conference

Tuesday24 June 2025

13:00–00:00

Walk day

Wednesday25 June 2025

00:00–02:00

Walk day

Thursday26 June 2025

09:00–14:00

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.

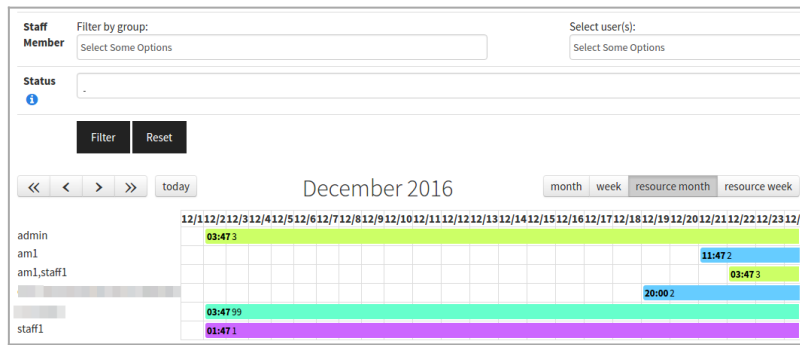
Please note:

- 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>