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.

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		, (G	9. 20	oop.	1, 2019				
Resource	s		Mo 26	Tu 27	We 28	Th 29	Fr 30	Sa 31	Su 1
hall (100 s	seats)				Workshop	e Party			
					21:51 Testing the speaker system				
main conf	ference room (:	200 seats)	21:51 Lightnin g Talk by Mahatma Gandhi	02:00 fooo 16:51 Open Talk	18:21 A lightning Talk by Vandana Shiva				
room 2.1 ((50 seats)			21:51 Seco Workshop	nd 19:21 Third Workshop				
∖gend « < ∶	la view	ау	Aug. 20	б – Se	ep. 1, 201	9	month	agenda weel	k agenda (
	Mon 8/26	Tue 8/27	Wed 8	/28	Thu 8/29	Fri 8/30	Sat	8/31	Sun 9/1
all-day									
4pm				15 W	elcome Party				
5pm		16:51 - 18:51 Opening Talk							
6pm			18-21 - A lightr	ing Talk by					
7pm			18:51 - 21:21 First Work	han					
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August 2	26, 2019								Mond
21:51 - 23	2:06 • Lig	htning Talk by Mah	atma Gandhi						
August 2	7, 2019								Tuesd
02:00 - 03	3:00 o foo	0							
16:51 - 18	8:51 • Op	ening Talk							
21:51 - 23	3:51 o Se	cond Workshop							
August 2	8, 2019								Wednesd
18:21 - 18	8:36 • Ali	ghtning Talk by Va	ndana Shiva						
	1:21 • Firs	st Workshop							
18:51 - 21	3:21 🛛 🗧 Thi	rd Workshop							
18:51 - 2 19:21 - 2									
18:51 - 2 19:21 - 2 21:51	• Tes	sting the speaker s	ystem						

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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.
- 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: 0 (Sunday)	0	12.1
weekends	(blank) y n	Display Saturdays and Sundays (shown by default)	у	
slotDuration	text	Frequency for displayting 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	у	12.1
amonth	(blank) y n	Display the option to change the view to agenda by months	у	12.1
aweek	(blank) y n	Display the option to change the view to agenda by weeks	у	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

event0verlap	(blank) y n	Allow resources to overlap in time.	у	20.1
rday	(blank) y n	Display the option to change the view to resources by days	у	12.1
rmonth	(blank) y n	Display the option to change the view to resources by months	у	12.1
rweek	(blank) y n	Display the option to change the view to resources by weeks	у	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	у	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.	у	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

Variable	Description
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:

Tracker Calendar		×
Uses full calendar to re	ender 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 begining	
End date field	trac_as_cal_end_date	
	Permanent name of the field to use for event ending	
Resource descriptor	trac_as_cal_summary	
field	Permanent name of the field to use as the resource indicator	
Coloring discriminator	trac as cal priority	
field	Permanent name of the field to use to segment the information into color schemes.	
	Close Insert	
	close msert	
		- 11

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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



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Day view



Resource Day view



Resource Week view

HomePage								
This is a test for the feature TrackerCalendar: http://doc.tiki.org/PluginTrackerCalendar w?								
▲ ► today Aug. 19 — 25 2012 month	week	day	res	ource day	resour	ce week	resourc	e month
	Sun 8/	19	Mon 8/20	Tue 8/21	Wed	Thu 8/23	Fri 8/24	Sat 8/25
A really awesome past event			0.20		OTEE	2aA real	ly awesom	e past
CSS Preprocessor - Bootstrap		-				event		
Improvements to Community currency suport in Tiki: Tiki User Credit?							2almpro Commu currency Tiki: Tiki Credit2	vements to nity / suport in User
Meeting time at the Building entrance							Ofenit:	
Official end of the TikiFestBarcelona3		-						
Performance Analysis								
Resource management (fullcalendar)							12aRes manage (fullcale	
Short phpstorm install+tutorial.					2aShort install+t	phpstorm utorial		
Spam fight management				2aSpam manager	fight nent			
Start of the TikiFest						12aStart of the TikiEest		
test t3-item82		-						
test t3-item97								
test t3-item98			12atest					

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Resource Month view



Resource Year view

Resource view											
< < > >> today		201	9		resour	ce year	resou	rce mo	nth re	esource	week
Dessures				Augus	st				Septe	ember	
Resources	J 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 Welco me Party								
main conference room (200 seat		21:51 T esting the speaker system	21:51 A lightnin g Talk by Vandan a Shiva 21:51 L ightning Talk by Mahat ma Gandhi	19:51 O pening Talk							
room 2.1 (50 seats)				21:51 F irst Worksh op							
room 2.2 (15 seats)				21:51 S econd Worksh op							
room 2.3 (15 seats)				21:51 T hird Worksh op							
	4										×.

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List views

« < >	»	today	2019	list year	list month	list week	list day
August 26, 2	019						Monday
21:51	•	Testing the	speaker system				
August 27, 2	019		Testing the speaker system				Tuesday
21:51 - 23:51	•	Welcome Pa	ar Location				
21:51 - 22:06	•	A lightning	main conference room (200 seats)				
21:51 - 22:06		Lightning Ta	lk 1				
August 28, 2	019		Description	at		We	dnesday
19:51 - 21:51	•	Opening Tal	k everything worked as expected.				
21:51 - 23:51	•	First Works	2019-08-26 21:51				
21:51 - 23:51	•	Second Wo	k: End date				
21.51 - 23.51		Third Works	2019-08-26 19:51 how				

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" 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.

Staff	Filter by group:								Select user(s):							
Member	Select Some Options											Select S	ome Op	tions		
Status ()																
	Filter Reset															
« ‹	> >> today			De	ecer	mber	201	16			mor	th we	ek re	esource	month	resource wee
	12	/112/212/3	312/412	512/61	2/712/	812/912	1012/1	1 12/12	12/13	12/141	2/1512	1612/1	712/18	12/191	2/2012/	21 12/22 12/23 1
admin		03:47 3														
am1															11:	472
am1,staff1																03:47 3
														20:00 2		
		03:47 99														
staff1		01:471														

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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**:

	and UI effect	controls			
Theme General Layout	Pagination	UI Effects	Customization	Miscellaneous	Apply No Tabs
Maximum users in drop-dov lis	wn 50 sts 🚺	0			users
Maximum number of records listin	in 10 gs つ	q			records

Click to expand

Related

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