# Plugin Tracker List

Use this wiki plugin for Trackers to display a report of the listed items of a Tracker. You can choose which fields you vant to display, you can display status of the items, and you have the opportunity to filter the items. Only fields set as public are available through the plugin.



Since Tiki7, there is a more modern (and slightly more complicated) way of displaying tracker listings (and more). Please see PluginLIST and CustomSearch.



Since Tiki19, there is a tool to automatically convert a TrackerList plugin into a List plugin. See PluginTrackerList

To PluginList Converter.

### **Parameters**

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List, filter and sort the items in a tracker

Introduced in Tiki 1. Required parameters are in bold.

Go to the source code

Preferences required: feature\_trackers, wikiplugin\_trackerlist

Parameters	Accepted Values	Description	Default	Since
(body of plugin)		Notice		
trackerId	digits	Numeric value representing the tracker ID		1
tstotalformat		Format for table totals (click here for patterns). Example: #,###.		
ldelim		Smarty left delimiter for Latex generation. Example:@{	{	2.0
rdelim		Smarty right delimiter for Latex generation Example: 10	}	2.0
tpl		Use content of the specified tpl file as template to display the item. Use $\{f_{\text{fieldId}}\}\$ to display a field with ID $f_{\text{fieldId}}$ .		2.0
urlafterdelete	url	Url to redirect to after delete		11.0
allowStickyHeaders	(blank)	Sticky Headers for the table when scrolling top Default value: No	n	26
	n			
	У			
<pre>force_separate_compile</pre>	(blank)	Compile each item separately instead of compiling the entire template.	У	11.0
	У			
	n			
displaysheet	(blank)	Display tracker as a spreadsheet (not used by default)	n	6.0
	У			
	n			

list_mode	(blank) y n csv	Set output format. Yes (y) displays tracker list view with truncated values (default); No (n) displays in tracker item view; Comma Separated Values (csv) outputs without any HTML formatting.	У	3.0
popup	digits separator: :	Colon-separated list of fields which will display in a tooltip on mouse over. Example: 6:7. Setting this parameter implies y value for sort param.		2.0
sort	(blank) y n	Display columns in the order listed in the fields parameter instead of by field ID (field ID order is used by default	n	2.0
sortchoice	text separator: :	Add a dropdown of sorting choices. Separate each choice with a :. For each choice, use the format value label. See sort_mode for value choices. Example with two sorting choices: sortchoice="created_desc Newest first:lastModif_desc Last modified first"		5.0
stickypopup	(blank) y n	Choose whether the popup tooltip will stay displayed on mouse out (does not stay open by default)		2.0
export	(blank) y n	Show an export button (not shown by default)	n	3.0
force_compile	(blank) y n	Force Smarty to recompile the templates for each tracker item when using a wiki page as a template. Default=n (best performance)	n	6.0
editableall	(blank) y n	Allow all displayed fields to be editable	У	11.0
sort_mode		Sort rows in ascending (_asc) or descending (_desc) order based on field ID, date created or date last modified		1
tplwiki	pagename	Use content of the wiki page as template to display the item but with as little parsing on the content as with a tpl on disk. The page should have the permission tiki_p_use_as_template set, and should only be editable by trusted users such as other site admins		6.5 & 7.1
wiki	pagename	Use content of the wiki page as template to display the item. The page should have the permission <a href="tiki_p_use_as_template">tiki_p_use_as_template</a> set, and should only be editable by trusted users such as other site admins		2.0
compute		Sum or average all the values of a field and displays it at the bottom of the table. fieldId/sum:fieldId/avg		3.0



These parameters allow the results to be pre-filtered before the user sees them. To allow the user to filter, sort or paginate results, see the parameters under the tablesorter tab.

### List, filter and sort the items in a tracker

Parameters	Accepted Values	Description	Default	Since
view_user		Will display the items of the specified user		2.0
nax	int	Maximum number of items to display or -1 for all items. Defaults to max records preference, if set. Pagination will not show if all items are shown by setting to -1.		1
offset	int	Offset of first item. Default is no offset.	0	6.0
periodQuantity	int	Numeric value to display only last tracker items created within a user defined time-frame. Used in conjunction with the next parameter "Period unit", this parameter indicates how many of those units are to be considered to define the time frame. Use in conjunction with max=-"1" to list all items (by default max is set to 10).		6.5, <del>7.x</del> & 8.0
forceoffset	(blank) y n	Fix offset to that specified. This will disallow pagination.	n	8.0
periodType	(blank) c m	Time period after creation or after modification		6.7, <del>7.x</del> , 8.4 & 9.0

periodUnit	(blank) hour day week month	Time unit used with "Period quantity"		6.5, <del>7.x</del> & 8.0
status	(blank) o p c op oc pc opc	Only show items matching certain status filters (only items with open status shown by default)	0	1
exactvalue	separator: :	Exact value (or multiple values) that correspond to filterfield.  Special search values to filter by:  categories(x) - tracker item is in category with ID x or one its descendants  notcategories(x) - tracker item is not in category with ID x or one of its descendants  preference(name) - match against the value of a Tiki preference  notpreference(name) - match if value does not equal a Tiki preference value  not(value) - match if the field does not equal "value"  not() - match for non empty values (opposite with exactvalue="")  or(value1, value2) - match if the field equals "value1" or "value2" (can list more than 2  alternative values)  field(x, itemid) - match field with ID x in item with ID itemid. field(x) can be used if  the itemId URL parameter is set  notfield(x, itemid) - match if not equal to field with ID x in item with ID itemid field(x)  can be used if the itemId URL parameter is set  The following comparisons can also be applied to date fields by using date phrases that  PHP recognizes (see https://doc.tiki.org/Date-and-Time-Features):  less(value) - match if less than "value"  greater(value) - match if greater than "value"  lessequal(value) - match if greater than or equal to "value"  greaterequal(value) - match if greater than or equal to "value"		1
filtervalue	separator: :	Filter value (or multiple values) that correspond to filterfield. For better performance, use exactvalue instead.  Special search values to match:  *value - text that ends in "value"		1

### List, filter and sort the items in a tracker

Parameters	Accepted Values	Description	Default	Since
checkbox		Adds a checkbox on each line to perform an action. Required elements are separated by /. Those elements are:  FieldId - the value of this field will be posted to the action  PostName - the name of the post  Title - the title of the submit button  Submit - the name of the submit button  ActionUrl - the file that will be called upon submit  Tpl - optional template inserted before the submit button and returned  SelectType - Leave empty for multiple select, or use dropdown or radio.  Embed - Set to %0y%1 if the trackerlist table is embedded inside an existing form.  ActionUrl is ignored in this case.  Checked - comma-separated list of pre-checked items  Format:  checkbox="FieldId/PostName/Title/Submit/ActionUrl/Tpl/SelectType/Embed/Checked"  Example: checkbox="6/to/Email to selected/submit/messu-compose.php//dropdown//1,2,3"		1
moreurl	url	More link pointing to specified URL instead of default tracker item link	tiki-view_tracker.php	2.0
showlastmodif	(blank) y n	Last modification date display is based on tracker settings unless overridden here		2.0
showlastmodifby	(blank) y n	Last modified by user display is based on tracker settings unless overridden here		14.0
more	(blank) y n	Show a 'more' button that links to the tracker item (not shown by default)	n	2.0

showcloseitem	(blank) y n	Show a close item option (not shown by default)	n	8.0
showcomments	(blank) y n	Show comments count or last comment date and user depending on tracker preferences	у	16.0
showcreated	(blank) y n	Creation date display is based on tracker settings unless overridden here		2.0
showdelete	(blank) y n	Show a delete icon for each item (not shown by default)	n	4.0
showdesc	(blank) y n	Show the tracker's description (not shown by default)	n	1
showrss	(blank) y n	Show an RSS feed button (not shown by default)	n	5.0
showfieldname	(blank) y n	Use the field names as column titles (used by default)	у	1
showinitials	(blank) y n	Show an alphabetical index by first letter to assist in navigation (not shown by default)	n	1
shownbitems	(blank) y n	Show the number of items found (not shown by default)	n	2.0
showitemrank	(blank) y n	Show item ranks (not shown by default)	n	4.0
showlinks	(blank) y n r	Show links to each tracker item (not shown by default). At least one field needs to be set as Public in order for this to work.	n	1
showopenitem	(blank)	Show an open item option (not shown by default)	n	8.0

### List, filter and sort the items in a tracker

Parameters	<b>Accepted Values</b>	Description	Default	Since
calendartitle	text	Enter a title to display a calendar title (not set by default)		6.0
calendarbeginmonth	(blank) y n	Set whether calendar will begin at the beginning of the month (does by default).	у	6.0
calendardelta	(blank) +month -month +bimester -bimester	Set the calendar delta that will be shown (not set by default)		6.0
calendarpopup	(blank) y n	Calendar items will popup, overrides the stickypopup parameter if turned off (default is to pop up).	у	6.0
calendarviewmode	(blank) month bimester trimester quarter semester year	Calendar view type time span (default is month)	month	6.0
calendarviewnavbar	(blank) y n partial	Show calendar navigation bar (shown by default).	У	6.0
calendarstickypopup	(blank) y n	Calendar item popups will stay open if set to y (Yes). Not sticky by default	n	6.0
calendarfielddate	digits separator: :	Used to display items in a calendar view. One fieldId if one date, or 2 fieldIds separated with : for start:end		6.0

These parameters allow the user to filter, sort or paginate the results of the trackerlist query. To pre-filter or sort results before the user sees them, use the parameters in the general and filtering tabs.

In order to use tablesorter,

- 1. Javascript must be enabled
  - Enabled by default at Admin > Features > Programmer (tab)
- 2. jQuery Sortable Tables must be activated
  - Enable at Admin > Features > Interface (tab)
- 3. For the *server* parameter to work for a plugin, ajax must be enabled
  - Enable at Admin > Features > Interface (tab)

List, filter and sort the items in a tracker

Parameters	Accepted Values	Description	Default	Since
sortable	any string except for HTML and PHP tags	Serves as the overall switch for turning jQuery Tablesorter on (also for filtering) as well as overall sort settings. Enter y to allow sorting and n to disallow (n is the default). Enter type:save to allow sorts to be saved between page refreshes. Enter type:reset;text:***** to allow sorting and show an unsort button with custom text. Enter type:savereset;text:buttontext to allow the same for saved sorts.	n	12.0
server	any string except for HTML and PHP tags	Enter y to have the server do the sorting and filtering through Ajax and n to have the browser do it (n is the default). Set to y (and also set the Paginate parameter (tspaginate)) if you do not want all rows fetched at once, but rather fetch rows as you paginate, filter or sort.	n	12.0

tsfilters	any string except for	Enter $y$ for a blank text filter on all columns, or $n$ for no filters. Or set custom column filters separated by $y$ for each column for the following filter choices and parameters:	12.0
	HTML and PHP tags	Text - type:text;placeholder:xxxx  (For PluginTrackerlist this will be an exact search, for other plugins partial values will work.)  From Tiki 18, you can add initial:t option to allow prefix search for text filter. E.g.  type:text;initial:t  Dropdown - type:dropdown;placeholder:***;empty:***;option:****;option:****;option:****	
		Options generated automatically if not set and the server parameter is not y.  Use value=Display label to have the option value be different than the displayed label in the dropdown.	
		Use <pre>empty:Display label to include an option with the specified label that will filter only empty rows. Only used if other options are not specified manually. Date range - type:date;format:yy-mm-dd;from:2013-06-30;to:2020-12-31</pre>	
		(from and to values set defaults for these fields when user clicks on the input field)Beware that items with empty date values will not be shown when default date range filters are applied.  Numeric range - type:range;from:0;to:50  No filter - type:nofilter	
		For example: tsfilters="type:dropdown;placeholder:Type to filter" would result in a dropdown filter on the first column with all unique values in that column in the dropdown list.	
tscolselect	any string except for HTML and PHP tags	Add a button for hiding and re-showing columns. Also sets priority for dropping columns when browser is too narrow. Set each column to a number between 1 and 6 (1 is highest priority and last to be dropped) or to critical to never hide or drop. An example with 4 columns: tscolselect="critical 4 5 6"	14.0
tsfilteroptions	any string except for HTML and PHP tags	The following options are available: reset (adds button to take off filters), and hide (Filters are revealed upon mouseover. Hide doesn't work when date and range filters are used.). To use both, set tsfilteroptions="type:reset;text:button text;style:hide"	12.0
tsoutput	any string except for HTML and PHP tags	Enter y to set default values based on the site setting. Set custom values as in the following example: delivery:d;saveFileName:exported_teblesorter.csv	24.5
tspaginate	any string except for HTML and PHP tags	Enter y to set default values based on the site setting for maximum records in listings (on the pagination table of the Look & Feel admin panel). Set to n (and server cannot be set to y) for no pagination. Set custom values as in the following example: max:40;expand:60;expand:100;expand:140	12.0
sortList	any string	Bracketed numbers for column number (first column = 0) and sort direction ( $0$ = ascending, $1$ =	12.0

# More information on parameters

- when filterfield is a dropdown box, exactvalue must be the text of the item in the drop down list without quotation marks
- when filterfield is a category, exactvalue must be the numeric id (without quotation marks) of the category item to filter the list
- when filterfield is a checkbox, exactvalue is y or n

Please note that there might be a bug in Tiki 9.x and later versions, which causes filterfield to work only for Admins when the fields parameter is missing. To make it work for other Groups, you need to set fields parameter and explicitly name all fields you want to display. For example:

Missing or incorrect trackerld parameter for the plugin. List Trackers

After tw>=2.0 filterField can specify a list of fieldIds. In this case filtervalue and exactvalue must be synchronised to filter the value of each field

- Example: filterfield=1:2, filtervalue=this:that
  - will filter the items with the field 1 'like' this and field 2 like 'that'
- Example: filterfield=1:2, exactvalue=this:that
  - will filter items with the field 1 equals to 'this' and field 2 equals to 'that'
- Example: filterfield=1:2, filtervalue=:this, exactvalue=that
  - will filter items with field 1 equals to 'that' and field 2 likes 'this'
- Example: FieldId 1 is the itemId fields (auto-increment itemId) filterfield=1, notfield(1)

and with an url containing itemId will give all the items except the onde defined in the url

If you are having trouble getting your filters to apply, try using syntax like filterfield="2:1" and exactvalue="value for 2:value for 1", where the quotation marks enclose all of the values.

### Filtering on item list fields

Note that for filtering on item list fields through filterfield, it is important to ensure that fields contain the filterfield id as well. This is because of the special way item list fields are filtered due to its special nature.

Also, if there are multiple items in the value of filterfield, the value you should attempt to match against is item1, item2, item3 if using exactvalue. If you are using filtervalue which does partial matching, from Tiki 6.2, you can match against ", item1, item2, item3,". This is to avoid ambiguity in certain cases. For example, if you are trying to match for a number like "32" in a sequence of numbers like "132,32,321" it can be ambiguous since you might accidently get those that match "21,132". To solve this, from Tiki 6.2, you can set the filtervalue to ",32," to make sure you match only those sequences that include 32 and not things like 132.

### (or how to send a message to multiple users shown through plugintrackerlist)

Its params are: fieldId/postName/Title/Submit/ActionUrl/tpl/(empty)|radio|dropdown

- fieldId is the field Id whose value will be posted to the action
- postName is the name of the post
- Title is the title of the button
- Submit is the name of the submit button
- ActionUrl is the script that will be called on the submit
- tpl is an optional template that be inserted before the submit button that will also be returned
- radio or dropdown. If this param is left blank/empty, multiple checkbox will be used

instead.

#### Example:

checkbox="6/to/Email to the checked/submit/messu-compose.php//"

in this example the fieldId 6 is the user name as messu-compose.php accepts to as param, and multiple checkboxes will be shown on the left to select one or more user to send a message to.

### How to go from a TRACKERLIST page to a page with a TRACKER for a specific item

ou want to be able from a TRACKERLIST page to select an item and to go on another page where you can modify you item. We will suppose that the field f 1 is a main field (it display a link to the item.

To do so use the parameter url in TRACKERLIST

Missing or incorrect trackerld parameter for the plugin. List Trackers

The page UpdateItem needs just to use a regular TRACKER plugin. If itemId is present in the URL, it will be automatically prefilled with the value of the item.

### 'Pretty Trackers' (param tpl or wiki)

is possible to control how an item is displayed in a page by using a Smarty template or a wiki page containing smart code. In the case of a wiki page containing smarty code, keep in mind that this page should be kept editable only by trusted users, such as other site admins.

For instance in a page (named 'list of items in tracker 5') for example, you have

Missing or incorrect trackerld parameter for the plugin. List Trackers where fieldId=30 and fieldId=31 are 2 fields of the trackerld 5 In the page named 'tpl for each item in tracker 5', you will have

 $http://doc.tiki.org/tiki-editpage.php?page=PluginTrackerList\&hdr=5~\{\$f\_30\}~:~\{\$f\_31\}~was~created~in~\{/tr\}~\{\$f\_created|tiki\_short\_date\}$ 

'S: the wiki page 'tpl for each item in tracker 5' needs the perm <code>tiki\_p\_use\_as\_template</code> for Anonymous (or Registered lepending on your case) to be displayed, and <code>tiki\_p\_edit</code> for Admins, in order to prevent any users to add any smarty code in it, which might be unsafe.

When displayed, the page 'list of items in tracker 5' will look like this

324: foobar was created on **Thu 23/10/08** 311: toto was created in **Wed 23/10/07**There is no more table (if you did not recreate them in 'tpl for each item in tracker 5' for course). Of course the name of the 'template' page is whatever you want, you need only to give the good reference in the param 'wiki'

of the 'template' page is whatever you want - you need only to give the good reference in the param 'wiki'
PS: \$f\_created and \$f\_lastmodif display the integer value of the associated date. \$f\_status will output o or p or c .

\$f status input will output the status select box.

Tip: you can use {\\$f\_created|date\_format:"%I:\%M \%p"} or {\\$f\_created|tiki\_short\_date} You can use also a template file in the file system

Missing or incorrect trackerld parameter for the plugin. List Trackers and create a templates/B.tpl. In this case no permissions are required.

## How to have a pagination between the items accessed by TRACKERLIST (tiki>=6) No Pretty Tracker

- If you do not use pretty tracker for instance a TRACKERLIST with no url parameter and parameter showlinks=y, each time you click on an item link you will go to tikiview\_traker\_item.php and you will see pagination between item.
- If you are using TRACKERLIST with the url parameter equal to page?itemId for instance and if you want that each item displays a pagination to the next/previous item you need to have showpagination=y
- This pagination is very convenient when you are using TRACKERFILTER or use some specific filtering of TRACKERLIST as only the filtered items are in the pagination

### With Pretty Tracker (starting with Tiki11)

- If using custom templates for display (pretty trackers), use tr\_offset instead of itemId Here is an example of how this can be used:
- 1. Use PluginTrackerList to list items from a tracker.
  - 1. Set the url parameter to url="ItemPageName?tr\_offset . This will cause title fields in the list to be links to this page
- 2. ItemPageName will consist of another instance of PluginTrackerList.
  - 1. This time the fields parameter should include the field IDs that should appear on the individual item page.
  - 2. showpagination should be set to y so that pagination with be shown
  - 3. The wiki or tpl parameter will be set to the custom template page that has been created to display single tacker items from this tracker. Since the tr\_offset parameter was set when calling this page, only one item will be shown.

#### **URL Params**

•**tr\_user**: if &tr\_user=username is set in the URL request, the plugin loads the specified user item(s) (trackerld must be specified)

### **Nested plugins in 'pretty' templates**

- Since Tiki6.0, it is possible to 'nest' plugins meaning another plugin can be invoked in the template file where smarty code is used to assign parameters which are defined by the first trackerlist.
  - WARNING: will only work if the first (or any level except the last) trackerlist delivers one item

### For example:

If a 'first level' plugin such as:

Missing or incorrect trackerld parameter for the plugin. List Trackers

is used in a wiki page, and the wiki template "insert\_location tpl" has within it a second level plugin such as:

Missing or incorrect trackerld parameter for the plugin. List Trackers wiki="stdlocmap tpl"}

where the wiki template "stdlocmap tpl" is as follows:

Then the result is that the original page will display the field values f\_75 and f\_907 from the second tracker (id# 30) where the item is defined by a match between a designated value in the tracker and the same value in the second tracker.

This allows you to display global information about a numeric field like the sum of all the values or the average. Tiki6: The items shown by the tracker list (e.g., filtered with the parameters filtervalue or exactvalue) are the only ones used for the computation (average or sum), and not all the items in the same tracker.

Missing or incorrect trackerld parameter for the plugin. List Trackers

will give something like

If you want to use sum and average on the same field use compute=146/sum:146/avg
Decimals in values are indicated with the dot (".") and not with the comma (",").

If your tracker has a field named 'page' and if the url contains the param 'page', TRACKERLIST will automatically filter the items that have the value of the page url param equal to the page item filed value.

With the parameter calendarfielddate, you can display the list of the items in a calendar view. See Module calendar\_new. The plugin collects all the items of the period and displays in a popup the items. The display is either the pretty tracker template specified by the param wiki or the value of main field. The calendarfieldate can contain either a single date field or 2 date fields.

### Example:



Has been produced by a user module containing the code:

Formations à venir incorrect filterfield incorrect filterfield

# Examples

# Sorting, filtering and pagination

seginning with Tiki12, tablesorter parameters have been added (see the tablesorter tab in the parameter list above) t allow the user to sort, filter and paginate through the trackerlist results. Below is an example. This code:

{trackerlist trackerId="8" fields="111:112:113" showlinks="y" showpagination="y" more="n" server="n" sortable="type:reset" sortList="[0,1],[2,0]" tspaginate="max:10" tsfilters="type:text;placeholder:Type a digit...|type:text;placeholder:Type to filter...|type:dropdown|type:date" tsortcolumns="type:digit;group:number-3|type:text|type:text;group:word-3|type:isoDate;group:date-month"}

Would show the following on this site:

#### Some notes:

- · Sort the columns to see automatic group headers for all but the second column
- Only one column can be sorted with the sortList parameter if the server parameter is set to y, otherwise multiple columns may be set
- The tsortcolumns parameter determines the group headings and also helps the

- program to know what type of data is being sorted so that sorting is more accurate
- The drop down in the third column is automatically generated. Automatic dropdowns can only be generated in these cases:
  - The server parameter is not set to y , or
  - The field is a tracker type "dropdown" where the dropdown options have been specified in the tracker field definition
- As you scroll down the page, the table header rows will always be visible as long as the table is visible
- the date filter from and to dates are customizable as is the date format
- Setting server to y would allow for only the visible rows to be fetched from the database
- To sort or filter a status field, you must set server="y" (and thus use ajax)

# How to filter a tracker function of a field in a user tracker.

For instance, you have a user tracker with a field Town, you have another tracker listing all the bakeries. This tracker has also a field Town. You want to display all the bakeries in the town of your user. For this you can use

{trackerlist trackerId="5" fields="21:23:24" filterfield="20" exactvalue="field(38,user,7)"} where 5 is the trackerId of the bakery, 20 is the fieldId of Town in the tracker bakery, 38 is the fieldId of the Town in the user tracker 7.

You can use as many filters you want. For instance, you can filter on the Town and the nationality with the type of bakery...

With the same principle, you can display all the items of the user tracker that have the same Town than the user. or the same Town and same age that the user.

# How to make columns larger via CSS

While hardcoding values is possible, this is a "last resort" solution. It will broke the mobile compatibility and it is a bac practice to use the Custom CSS for such adjustment. It is better to use the plugin list and create exactly what you want.

Add

.field2 { width: 500px;}

in Custom CSS where 2 is the tracker field id and 500 is the number of pixels for the column

### Related

#### See also:

- To **add** data to the tracker via a **form in a wiki page**: PluginTracker
- To create a report in a wiki page: PluginTrackerFilter, PluginTrackerItemField,
   PluginTrackerStat
- And also PluginVote
- Pretty Tracker
- PluginList
- PluginTracker
- PluginR uses PluginTrackerList to use data from trackers within R scripts.