Plugin Tracker

Overview

Use this wiki plugin to create a form for inputting an item into a tracker. You can specify what fields will be included in the form. Since Tiki6, this plugin can also be used as a simple way to create custom forms which output the result as pre-formatted wiki pages instead of tracker items.

Parameters

Embed a form to populate a tracker
Introduced in Tiki 1. Required parameters are in `bold`.
Go to the source code
Preferences required: feature_trackers, wikiplugin_tracker

Parameters	Accepted Values	Description	Default	Since
(body of plugin)		Confirmation message after posting form		
`trackerId`	digits	Numeric value representing the tracker ID		1
`ajax`		Use ajax to create and update tracker items instead of form submission via request variables.	n	
`email`		To send an email once the tracker item has been created. Format: `from|to|template` For `from` and `to`, use an email address (separate multiple addresses with a comma), a username, a fieldId of a field containing either an email address or a username, a fieldId of a UserSelector or GroupSelector field, or "createdBy" or "lastModifBy" for the item creator or modifier. When username is being used, the email will be sent to the email address of the user on file. When sending to several emails using different template, provide the template name for the message body for each email; I.e., the first template will be used for the first to, the second template if exists will be used for the second from (otherwise the last given template will be used). Each template needs two files, one for the subject one for the body. The subject will be named template_subject.tpl. All the templates must be in the `templates/mail` directory. Example: `webmaster@my.com|a@my.com,b@my.com|templatea.tpl,templateb.tpl` (`templates/mail/tracker_changed_notification.tpl` is the default from which you can get inspiration).		2.0
`emailformat`		Choose between values text or html, depending on the syntax in the template file that will be used	text	6.1

`preview`		To add a preview button with the label set by this parameter. Default: `Preview`. Useful to preview the computed fields of an item.	Preview	2.0
`reset`		Label for the reset button, to return all fields to their default values.	reset	4.2
`tpl`		Name of the template used to display the tracker items. In the template, the smarty variable `{$f_id}` will be replaced with the appropriate input tag, with `id` representing the field ID. The form tag and the submit button are generated by Tiki outside the template		2.0
`values`		Colon-separated list of default values corresponding to the `fields` parameter. First value corresponds to first field, second value to second field, etc. Default values can be set by using `autosavefields` and `autosavevalues` as URL parameters.		2.0
`action`	*separator:* `:`	Colon-separated labels for form submit buttons. Default is `Save`. When set to `NONE`, the save button will not appear and values will be saved dynamically.	Save	1
`action_style`	*separator:* `:`	Sets button style classes for action buttons. If multiple buttons have been set in the `action` parameter, the same number of colon-separated styles must be set here. Example:`btn btn-secondary:btn btn-success:btn btn-primary float-end`	btn btn-secondary	14.1
`rulesparent`	text	JQuery selector for the parent object to show or hide when executing field rules.	.tracker-field-group:first	
`fieldtofilter`		Field to filter user tracker items to: `view="user&field"`		15.3
`fieldtofiltervalue`		Value to filter user tracker items to: `view="user&field"`		15.3
`fieldsfilldefaults`		Colon-separated list of default values for Multiple Fill Fields.		9.0
`fieldsfillseparator`		Choose separator between fields in each line of the Multiple Fill text area. Default is pipe (`|`).			9.0
`fieldsfilldescription`	text	Explanatory text below the Multiple Fill Fields text area. Default is the list of the fields which should be in each line. Put a space for no visible text below the Multiple Fill Fields text area.		24.4
`fieldsfilllabel`	text	Explanatory text on the left of the Multiple Fill Fields text area. Default is "Insert one item per line:".		24.4
`chosenGroup`	text	The user enters this group via the registration (only a single group name is supported)	Registered	15.0
`status`		Status of the item used in combination with: `view="user"` or `view="user&field"`		6.0

Note: fieldsfillseparator row default value is pipe `|`.

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ℹ Note

The `overwrite` parameter is only to overwrite tracker items (not wiki pages) - not useful when `discarditem="y"`

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ℹ Note 2

When using `outputwiki` as template you cannot use Smarty syntax programmatically because the resulting output is static wiki page (not computed against an existing Tracker Item like with Pretty Trackers and TrackerLists) - you can use only `{$f_XX}` to indicate the fields values or Argument variables.

Administration

- You can limit the tracker fields that can be used in this plugin in the field admin panel of the tracker:
  "Field is public? for use with trackerlist plugin option
  For Tiki 9.x, the User Selector field (the "userId" field in your tracker, perhaps), edit the field, Permissions, Visibility, Visible by All (even though that's counter-intuitive (you want those items private to that use)).
- If you have a tracker that has only one item per user/IP or if you use the plugin with the param view=user, the plugin will automatically prefill the item if that already exists.

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⚠ Warning

This plugin can not be used on a cached wiki page.

Examples

{TRACKER(trackerId="1" fields="1:3:4" action="Send")} Thanks for your contribution! {TRACKER}

How to pre-fill some fields

In some situation you want to go to a TRACKER page (in our example named SubmitOrder) where fields are automatically pre-filled. In this case you can use an URL like this:

`tiki-index_raw.php?page=SubmitOrder&autosavefields=1&autosavevalues=tikiwiki`

When in the page SubmitOrder, you click on Save, and the field 1 will be filled with the value `tikiwiki`. If the field 1 is multivalue field (ex: category), the value will be added to the potentially additional value the user has selected whatever the user does.

Tip:

The construction of such URL can use the feature 'Wiki argument variables'

(see Advanced Wiki Syntax usage examples)

`tiki-index_raw.php?page=SubmitOrder&autosavefields=2:3&autosavevalues={⬚{itemId}⬚}:{⬚{page}⬚}`

You could also use the *url* parameter "**prefills**" with the corresponding "**values**". See more information here:

- PluginTracker Advanced
- PluginTrackerPrefill

See also PluginTrackerList to see how to use the parameter `url` to transfer an `itemId` to an URL or PluginJQ if you want to use jQuery.

How to fill an item in more than one step

If you want to fill some fields of an item in a page and to fill some other ones in another page, you need to use the param *url* with the *itemId* option.
Example (uses SEFUrl enabled links):
Page1

{tracker trackerId="1" fields="1:2:3" url="Page2?itemId"}
Page2

{tracker trackerId="1" fields="4:5:6" url="Page3?itemId"}
Page3 - the final one that will display the currently submitted itemId:

{trackerlist trackerId="1" fields="1:2:3:4:5:6"}

It is also possible to use tabs and link to each tab using "cookietab".
Note that the tracker item will be saved by sequence so you better check that no mandatory field rules are on the way

{TABS(tabs="First Tab|Second Tab|Third Tab")} {tracker trackerId="1" fields="1:2:3" action="Next" url="pageName?cookietab=2&itemId"} ///// {tracker trackerId="1" fields="4:5:6" action="Next" url="pageName?cookietab=3&itemId"} ///// {TRACKER(trackerId="1" fields="7:8:9" action="Save")}Saved!{TRACKER} {TABS}

How to put multiple tracker plugins into a single transaction?

New in Tiki15

Plugin tracker's transaction feature enables a sequence of trackers to be chained into a single transaction, which is submitted only after the user submits the last tracker form. Otherwise the transaction is cancelled.
The easiest way to use the feature is to create a wiki page for each of the steps.
Here is an example.

1. wiki page: Register+Step+1

```
{tracker trackerId="1" fields="2" action="Next" ignoreRequestItemId="y"
registration="y" chosenGroup="Registered"
transactionName="RegistrationTransaction" transactionStep="0"
transactionFinalStep="n" url="Register+Step+2"}
```

2. wiki page: Register+Step+2

```
{tracker trackerId="2" fields="4" action="Finish" ignoreRequestItemId="y"
transactionName="RegistrationTransaction" transactionStep="1"
transactionFinalStep="y"}
```

The registration and the tracker records of `trackerId` 1 and 2 will only get saved after the user presses Finish on Register+Step+2.

How to write a template to display the form elements on the wiki page where the plugin is saved

As mentioned, in a template, use the `{$f_id}` syntax to insert the value of *fieldId*=**id**.
It is also possible and nowadays recommended to use the `{$f_permanentname}` syntax to insert the value of **''permanent name''** of the tracker field **instead of the id**.
It is also recommended to use a specific custom prefix for all fields of a tracker (one prefix per tracker) to allow to reuse and to provide existing trackers easily with a profile. Syntax: `{$f__prefix_permanentname}`. The prefix can be set in the tracker preference settings.
It is also possible to insert the *ItemId* itself, which is useful to create new wiki pages with tracker plugins inside. To do this you'll have to add an Auto-Increment Field to your tracker, with the appropriate options to auto-fill it with the *itemId*. This new field content (*itemId* value) can then be inserted in the template with the syntax seen above.
Since Tiki 15.1, wiki page templates can be (optionally) used for email notifications using the "**wiki:page name tpl**" format instead of `template_name.tpl` files in the `templates/mail` dir. Tiki will use a page "page name subject tpl" if found.
Please mind, that wiki pages are more for quick and easy use cases, for testing and for proof of concept, whilst `.tpl` files in the server directory are more reliable and much better to handle in larger projects or for advanced use cases.
Mind: `.tpl` templates for emails are stored in the folder `templates/mail`

How to go from TRACKERLIST to TRACKER on this item

{trackerlist trackerId="1" fields="1:2:3:4:5:6" url="Page1?itemId"}

Email

How to send email to a recipient when new tracker item is created

You can use the parameter `email` to send an email once the tracker item has been created.

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ⓘ Important

From Tiki15 onwards, you need to have:

- a template:
    - placed in your Tiki files root in the `templates/mail` directory,

      or
    - specified as a wiki page as "wiki:page name tpl",
- and you need to set an email address to monitor changes of the Tracker, at the Tracker properties level
  ("Trackers > Edit tracker > Notifications > **Copy activity to email**"). (This should not be needed; is this a regression? luciash d' being ⬚ Mon 20 Jun, 2022 16:34 GMT-0000 "> ✏)

The format for the email parameter is: from|to|template.

- **from** is the sender email that will be used for the notification. Multiple addresses can be set (separate multiple addresses with a comma)

- **to** is the recipient(s) to whom the email address will be sent.
  Multiple addresses can be set (separate multiple addresses with a comma).
  Since Tiki 11 (maybe earlier) you can set a tracker field (same item) being used in the tracker plugin template (required).
- **template** is the template(s) to be used for email subject and body. (separate templates can be used)
  Using several emails and several templates it is possible to send different email (different subject & body) to different people. (see examples below)
- The following values can be used for **_from_** and **_to_**:
  email(s), **username(s)**, **fieldId(s)** or **createdBy**
  `createdBy` was added in Tiki 17 and might be back-ported to 16.
  username sends to the email of the registered user account and `createdBy` sends to the email of the currently logged in creator of the item.

Since Tiki 15 .1, Tracker plugin allows Items List fields to be used as the **to** or **from** fields in the email parameter. They will be shown in the form as read only labels. This might be useful in cases such as:

- One tracker defines business shops, with its members to be notified of changes related to that shop. And…
- A second tracker handles data of products from shops, and they have:
    - one field as _Item link_ to relate the product with their corresponding shop where they sell it.
    - another field from the second tracker is an _Items list_, to indicate the person to be

notified, as user defined in the first tracker for that shop.

- You use the email parameter in a plugin tracker call to tracker 2, using the field corresponding to the person (as field id in tracker 2) as the recipient or sender of the email.

Since Tiki 16.3, email recipients option allows to set fieldId of a UserSelector (including multiple users selected) and GroupSelector.

Basic plugin usage

single recipient, single template

{TRACKER(trackerId="1" fields="1:2:3" action="Send" email="sender@domain.com|recipient@domain.com|templatename.tpl")}{TRACKER}

single recipient (creator), default site sender, basic default template (for quick proof of concept)

{TRACKER(trackerId="15" action="Send" email="|createdBy|")} Thank you for submitting an issue. We will come back to you as soon as possible. What do you want to do now: ((Issue Tracker|submit another issue)) or ((HomePage|browse the website))? {TRACKER}

single recipient (creator), custom sender, custom template for body, default basic subject

{TRACKER(trackerId="15" action="Send" email="info@example.com|createdBy|mytemplate.tpl")} Thank you for submitting an issue. We will come back to you as soon as possible. What do you want to do now: ((Issue Tracker|submit another issue)) or ((HomePage|browse the website))? {TRACKER}

single recipient (creator), custom sender, custom template for body, custom subject template

{TRACKER(trackerId="15" action="Send" email="info@example.com|createdBy|mytemplate.tpl,mytemplate_subject.tpl")} Thank you for submitting an issue. We will come back to you as soon as possible. What do you want to do now: ((Issue Tracker|submit another issue)) or ((HomePage|browse the website))? {TRACKER}

Advanced plugin usage

multiple recipients, single template

{TRACKER(trackerId="1" fields="1:2:3" action="Send" email="sender@domain.com|recipient_1@domain.com,recipient_2@domain.com,recipient_3@domain.com|template name.tpl")}{TRACKER}

In this case it will send the same notification to recipient_1, recipient_2 and recipient_3.

multiple recipients, multiple templates

{TRACKER(trackerId="1" fields="1:2:3" action="Send" email="sender@domain.com|recipient_1@domain.com,recipient_2@domain.com,recipient_3@domain.com|template name_a.tpl,templatename_b.tpl,templatename_c.tpl")}{TRACKER}

In this case each recipient will receive a different notification. The recipient_1 will receive email using template_a, recipient_2 will receive email using template_b and recipient_3 will receive email using template_3.

creator plus second recipient, two different body templates and two different subjects

{TRACKER(trackerId="15" action="Send" email="info@example.com|admin@mysite.com,createdBy|admin-template.tpl,creator-template.tpl,admin-template_subject.tpl,creator-template_subject.tpl")} Thank you for submitting an issue. We well come back to you as soon as possible. What do you want to do now: ((Issue

Tracker|submit another issue)) or ((HomePage|browse the website))? {redirect page="Test-Tracker-Creator-Email"}
{TRACKER}

single recipient (field), custom sender, custom template to fill the tracker plugin, custom template for body, custom subject template

Wiki page

{TRACKER(trackerId="15" action="Send" email="info@exemple.com|12|mytemplate.tpl" wiki="Template page")}Thank you!{TRACKER}

Template page

{TR()}Name{TR}: {$f_11} {TR()}Email address{TR}: {$f_12}

When filling the form (using the template) the email address from the field 12 will be used as recipient.

Templates (to create the email subject and email body)

Each template needs two files, one for the subject one for the body. All the templates must be in the templates/mail directory or (since Tiki15.1) in wiki pages and specified as "**wiki:page name tpl**" (you have to include the "**tpl**" exact word in the name without a dot, and place it, for instance, at the end).

Email body and subject naming conventions

The naming of these files needs to be slightly different depending on whether you use template files on disk or wiki pages as templates.

Template files on disk

If you want to use smarty template files on disk:

• body: "**mytemplate.tpl**"

- subject: "**mytemplate_subject.tpl**"

Example:

{TRACKER(trackerId="1" fields="1:2:3" action="Send"
email="sender@domain.com|recipient@domain.com|mytemplate.tpl")}{TRACKER}

Note that you don't specify the subject template in the tracker plugin call, but the subject needs to exist with the corresponding name ("mytemplate_subject.tpl" in this case) if you want to have the subject message customized.

Wiki pages as Smarty templates

If you want to use wiki pages as smarty templates:

- body: "**page name tpl**"
- subject: and "**page name subject tpl**"

  note that the tpl word (without a dot) needs to be prepended with the word "**subject** "
  (subject **and a space**)

Example:

{TRACKER(trackerId="1" fields="1:2:3" action="Send"
email="sender@domain.com|recipient@domain.com|wiki:page name tpl")}{TRACKER}

Note that you don't specify the subject template in the tracker plugin call, but the subject needs to exist with the corresponding name ("page name subject tpl" in this case) if you want to have the subject message customized.

Subject template

Hello, the {tr}item{/tr} "{$f_name}" {tr}was modified at{/tr} {$server_name} in {$mail_trackerName}

Where {$f_name} will be the content of the field name, {$server_name} is the domain name and

{$mail_trackerName} is the tracker name.
Body template

{tr}Hello,{/tr} {tr}Title:{/tr} {$f_name} {tr}Description:{/tr} {$f_description} {tr}View the tracker item at:{/tr} {$mail_machine_raw}/tiki-view_tracker_item.php?itemId={$mail_itemId}

Template - variable list
Not all wiki variables work (pretty tracker syntax won't work).

$mail_date
        The current timestamp

$mail_user
        User login

$mail_itemId
        The tracker itemId

$mail_item_desc
        The item "title"

$mail_trackerId
        Tracker id

$mail_trackerName
        Tracker name

$mail_machine
        URL of the request (example: `https://doc.tiki.org/PluginTracker`)

$mail_machine_raw
        URL of the site root (example: `https://doc.tiki.org`)

$server_name
        Server name (example: `doc.tiki.org`)

$status

The item's new status (e.g. Open, Pending or Closed, translated)

$f_123 or $f_permanentName
Values of the fields

Related pages

See also:

- PluginTrackerlist - which displays a given tracker items.
- PluginTracker Advanced
- Pretty Tracker
- PluginList