

How to Create A Page Selector (Similar to Pretty-) Tracker

This document describes how to create a “page tracker” using the “tracker” feature’s “page selector” field type. The steps on the following pages are very similar to what it takes to create a pretty tracker.

This tutorial was done using **TikiWiki Release 3.0**, using the “**Tikipedia**” theme. The current TikiWiki theme has not yet been updated for use with TikiWiki 3.0, so your results may differ from those described here.

A page selector field looks like a normal text box. The text you type into a page selector field becomes the name of a newly created wiki page.

If the text you type in the page selector field matches the name of an existing wiki page that was created using the page selector field, then you can add or modify the page using the tracker (#1 below) or wiki-page with {TRACKER} plugin (#3 below) interfaces.

If, however, the text you type in the page selector field matches the name of a wiki page that was **NOT** created using the page selector tracker, then some strange results occur. In this case, the tracker item is created in the page selector tracker, and it indicates that the item is associated with the named wiki page. The wiki page in question, however, will **NOT** contain any of the data that occurs within that tracker item. This is probably a bug that needs to be addressed, or else is connected to the use of the “Tikipedia” theme.

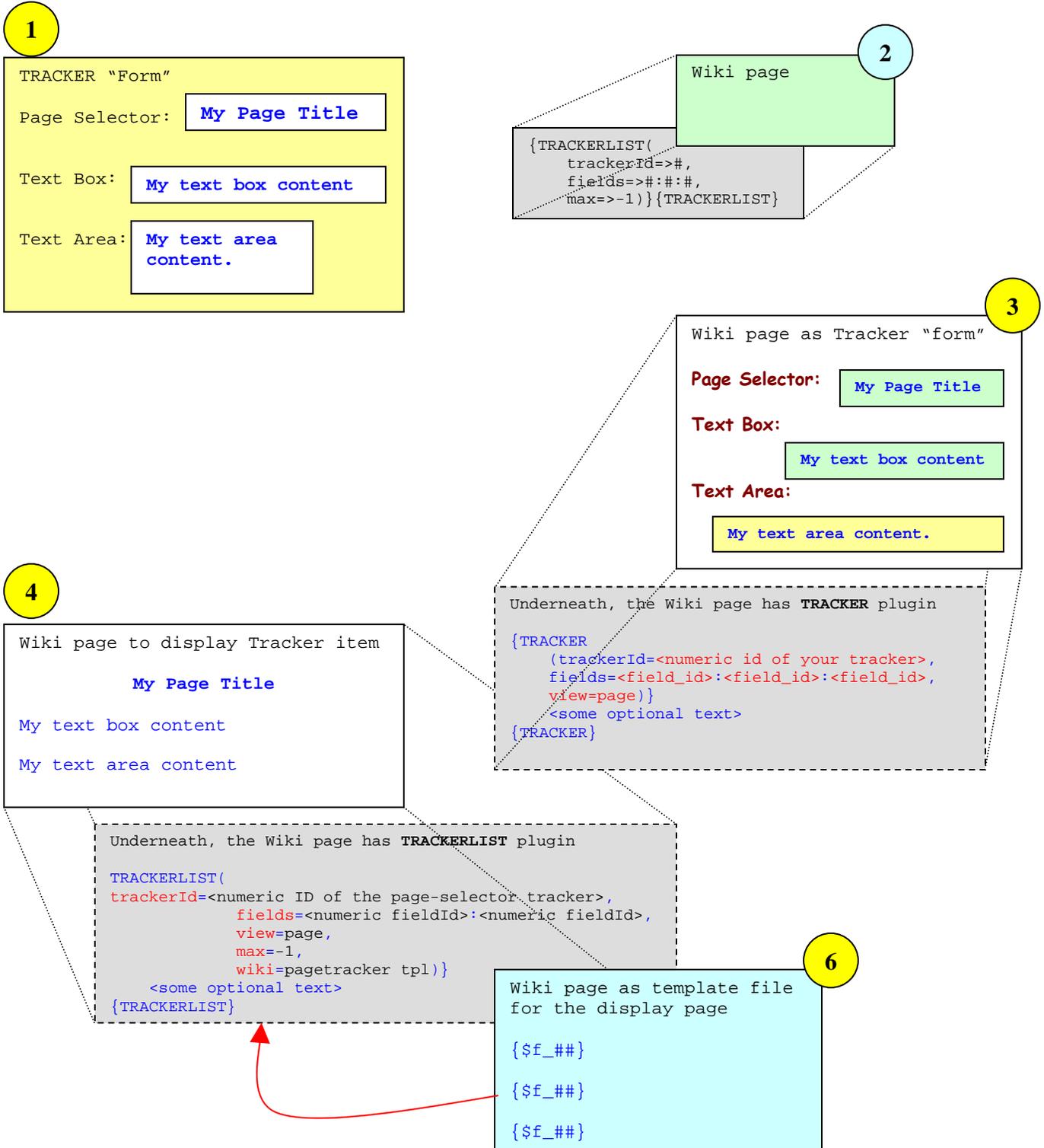
A Better Page Selector Field?

It is the author’s opinion that the page selector tracker field should probably be something more like the “**drop down with other textfield**” control.

In this way, the drop-down part of the control could be populated with the names of existing wiki pages [[those pages created using the page selector tracker \(?\)](#)], while the accompanying textfield would serve to create new wiki-page names.

Such a drop-down list might become unwieldly if the number of wiki pages created through the page selector tracker become very large.

Figure 1-A: Four Things Needed to Create a Pretty Tracker (#2 is optional)



Step – 1: Create a Tracker Containing a “Page Selector” Field
(See #1 in Figure 1-A)

1-A: In your web browser, navigate to...

“http://<your server name>/tiki/tiki-admin_trackers.php”

1-B: Choose the “**Create Tracker**” tab [or option] and you should see a form that appears similar to **Figure 1-B** [remember, I am using the “Tikipedia” theme and your Tiki’s tracker-creating form may look somewhat different].

Figure 1-B: Creating a Tracker

Admin Trackers   

List Trackers

Trackers | **Create Tracker** | Duplicate Tracker

Create/Edit Tracker

Name:

Description: Description text is wiki-parsed:

Categorize

Auto create corresponding categories

Show status

Default status displayed in list mode

open
pending
closed

Show status to tracker admin only

Send copies of all activity in this tracker to this e-mail address:

1-C: Give the tracker a name and description, such as the one depicted in Figure 1-B.

Figure 1-C: Select the appropriate configuration choices for your tracker

Send copies of all activity in this tracker to this e-mail address:
You can add several email addresses by separating them with commas.

Use simplified e-mail format
The tracker will use the text field named Subject if any as subject and will use the user email or for anonymous the email field if any as sender

New items are created with status

Authoritative status for modified items

Item creator can modify his items?
The tracker needs a user field with the option 1

Only one item per user or IP
The tracker needs a user or IP field with the option 1

Member of the default group of creator can modify items?
The tracker needs a group field with the option 1

Show creation date when listing tracker items?

Show creation date when viewing tracker item?

Show lastModif date when listing tracker items?

Format if not the default short one: [Date and Time Format Help](#)

Show lastModif date when viewing tracker item?

What field is used for default sort?

1-D: Save the tracker

Figure 1-D: Click the “Save” button to create the tracker

What is default sort order in list? ascending

Tracker items allow ratings?

Tracker items allow comments?

Tracker items allow attachments?

Items can be created only during a certain time

After: 02 June 2009 01 57

Before: 02 June 2009 01 57

Do not show empty fields in item view?

Show these fields (ID comma separated) in a popup on item link when listing tracker items?

Group of users alerted when tracker is modified

Allows to select each user for small groups

Save

Provided by World Technical Services, Incorporated



1-E: Verify that the tracker has been created and the fields can now be edited

Figure 1-E: After saving the tracker

Admin Trackers

List Trackers [Edit This Tracker's Fields](#) [View This Tracker's Items](#)

Trackers [Edit Tracker Example \(#24\)](#) [Import/Export](#) [Duplicate Tracker](#)

Create/Edit Tracker

No individual permissions. Global permissions apply.

Name: Example

Description: Description text is wiki-parsed:
Example Pretty Tracker

1-F: Add a “page selector” field to your tracker

http://<your server name>/tiki/tiki-dmin_tracker_fields.php?trackerId=24 and add a page selector field with the parameter list defined as “1, 0, display example tracker”. The “display example tracker” indicates the name of the wiki page (see Step 4) that will contain the {TRACKERLIST} wiki-plugin to display your “Example” tracker.

Figure 1-F: Adding a Page Selector Field to your Tracker

Admin Tracker: Example

List Trackers Admin Trackers Edit This Tracker View This Tracker's Items

New tracker field

Name:

Type:

Function: Allows a selection from the list of pages.
Usage: auto-assign, size, create
Example: 1
Description: [auto-assign] will auto-assign the creator of the item if set to 1
[size] is the visible input length of the field in characters (<=0 not limited);
[create]: will create the page if not exists copy of the page with name value of this param. which pagename is the value of this param

Is column visible when listing tracker items?

Column links to edit/view item?

Column is searchable?

Field is public? (viewed in trackerlist plugin)

Field is hidden?

The option creator needs a field of type user selector and option 1

Visible by:

Description text is wiki-parsed:

Error message:

The third parameter listed in this text box (i.e. “display example tracker” will be the name of the Wiki page to be created in Step 4.

Tracker fields

Find 25 Rows

Id	Name	Type	Options	Position	isMain	Multilingual	Tbl vis	Searchable	Public	Hidden	Mandatory	Description
229	Page Selector	page selector	1,0,display example tracker	1	n	n	y	y	y	n	n	

Import/Export Trackers Fields

Export fieldId also

Check the box to re-import in this tracker and change the fields.
Uncheck the box to import in another database.

1-G: Add two more fields to the “Example” tracker

Figure 1-G: Adding a Textfield to Your Tracker

Create a text field named “Text Box” and set the parameters to “0,30,,,80”.

Admin Tracker: Example

[List Trackers](#) [Admin Trackers](#) [Edit This Tracker](#) [View This Tracker's Items](#)

New tracker field

Name:

Type:

Function: Allows alphanumeric text input in a one-line field of arbitrary size.
Usage: *samerow,size,prepend,append,max*
Example: *0,80,\$,,80*

Description:
[samerow] will display the next field or checkbox in the same row if a 1 is specified;
[size] is the visible length of the field in characters;
[prepend] is text that will be displayed before the field;
[append] is text that will be displayed just after the field;
[max] is the maximum number of characters that can be saved;
multiple options must appear in the order specified, separated by commas.

Is column visible when listing tracker items?

Column links to edit/view item?

Multilingual content:

Column is searchable?

Field is public? (viewed in trackerlist plugin)

Field is hidden?

Upon saving the new field you should see the following entries at the bottom of the “Admin Tracker” page...

Tracker fields

Find 25 Rows

Id	Name	Type	Options	Position	isMain	Multilingual	Tbl vis	Searchable	Public	Hidden	Mandatory	Description
229	Page Selector	page selector	1,0,display example tracker	1	n	n	y	y	y	n	n	
230	Text Box	text field	0,30,,,80	2	n	n	y	y	y	n	n	

1-H: Add a text area field to your tracker

Figure 1-H: Adding a Text Area Field

Create a text area field with the parameters defined as, “1,50,10,500,15,80”. The meaning of each parameter in this list is described in the table below the screenshot.

Admin Tracker: Example

List Trackers Admin Trackers Edit This Tracker View This Tracker's Items

New tracker field

Name:

Type:

Is column visible when listing tracker items?

Column links to edit/view item?

Multilingual content:

Column is searchable?

Field is public? (viewed in trackerlist plugin)

Field is hidden?

The option creator needs a field of type user selector and option 1

Visible by:

Note: The parameter information is usually included in the Admin Tracker form, but seems to be missing (for the text area field choice) in the initial release of TikiWiki 3.0.

Table 1-H: Parameters for a text area field (missing from tracker form in Tiki 3.0)

Parameters	type	description	default	version
quicktags	1 or 0	to see the quicktags zone(1 = to see them)	0	
width	numeric	number of characters(0 = browser default)	50	
height	numeric	number of lines(0 = browser default)	4	
max	numeric	maximum number of characters that can be saved		
listmax	numeric	maximum number of characters that are displayed in list mode		
wordmax	numeric	ifnot 0 display the word count, if > 0, javascript alert if word count exceeds the value	0	tw>=1.10

Your tracker fields should now be defined as shown below...

Tracker fields

Find 25 Rows

Id	Name	Type	Options	Position	isMain	Multilingual	Tbl vis	Searchable	Public	Hidden	Mandatory	Description
229	Page Selector	page selector	1,0,display example tracker	1	n	n	y	y	y	n	n	
230	Text Box	text field	0,30,,80	2	n	n	y	y	y	n	n	
231	Text Area	textarea	1,50,10,500,15,80	3	n	n	y	y	y	n	n	

1-I: Verify that your newly created tracker displays these fields to your liking.

Navigate to:

http://<your server name>/tiki/tiki-view_tracker.php?trackerId=<your trackerId number>

And see if the three fields you created in the Example tracker appear as they should.

Figure 1-I: The completed Example tracker has three fields

Tracker: Example

[List Trackers](#) [Admin Trackers](#) [Edit This Tracker](#) [Edit Fields](#)
Example Pretty Tracker

[Tracker Items](#) [Insert New Item](#) [Export Tracker Items](#)

Insert New Item

Fields marked with a * are mandatory.

Page Selector

Text Box

Text Area

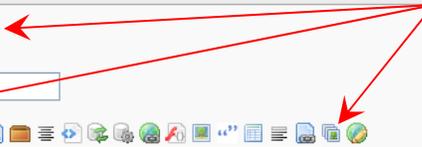
B *I* U   H1 H2 H3                                

Word Count: Max: 80

View inserted item

Insert new item

This tracker has the three fields that were created in Steps 1-(A-H).



OPTIONAL

Step 2: Create a Wiki Page to Display All the Items in Your New Tracker
(See #2 in Figure 1A)

This step is optional, but helps in verifying that the items you enter through your wiki-based tracker interface are actually saved to the tracker. The other option is to include some optional text along with the {TRACKER} plugin (See Step 3), which only displays this text as a message after you have clicked the “Save” button on your tracker form.

Use the “quick edit a wiki page” module to create a wiki page named “All Example Items”. This page will be used to display the results of what you enter through the wiki-based input form that you are about to create in Step 3.

2-A,B: Create a Wiki Page and Include a Simple {TRACKERLIST} Plugin

Figure 2-A: Create a Wiki Page

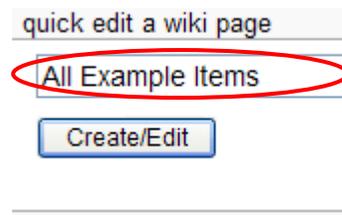


Figure 2-B: Enter the “{TRACKERLIST}” plugin text in the new Wiki Page.

Show/Hide Left Menus

Edit: All Example Items 🗑️

Note: This edit session will expire in 24 minutes. [Preview](#) or [Save](#) your work to restart the edit session timer.

Preview Save Cancel Edit

Use wysiwyg editor

Categorize Select Categories
 Apply template: none Admin Content Templates
 Description:

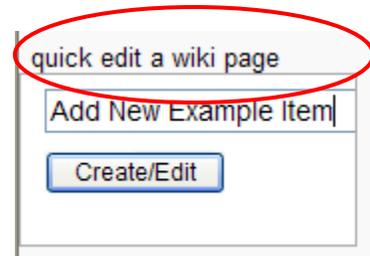
`{TRACKERLIST(trackerId=>24,
 fields=>229:230:231,
 max=>-1)}`
`{TRACKERLIST}`

Note: The trackerID (“24”) listed here, matches what was created above, as do the fieldId’s (229 , 230 , 231).
 The ID numbers in your own “Example” tracker will most likely differ from these ID numbers.

Step – 3: Create a Wiki Page Containing the {TRACKER} Plugin
(See #3 Figure 1-A)

3-A: Using the “quick edit a wiki page” module, enter the text “Add New Example Item” in the text box and click the “Create/Edit” button...

Figure 3-A: Create a New Wiki Page



3-B: In the text field provided, enter the text that defines the {TRACKER} plugin...

```
{TRACKER(trackerId=24,
        fields=229:230:231,
        view=page,
        url=>"http://<your server name>/tiki/tiki-
index.php?page=All+Example+Items")}
{TRACKER}
```

Figure 3-B: The “Add New Example Item” Wiki Page with {TRACKER} Plugin

Show/Hide Left Menus

Edit: Add New Example Item

Note: This edit session will expire in 24 minutes. Preview or Save your work to restart the edit session timer.

Preview Save Cancel Edit

Use wysiwyg editor

Categorize Apply template: none Admin Content Template Description:

Note: The server name should reflect your server’s name (such as “localhost” if on a development box) and the tracker and field ID numbers should match what you created in your own TikiWiki tracker.



```
{TRACKER(trackerId=24,
        fields=229:230:231,
        view=page,
        url=>"http://admin-729198fb0/tiki/tiki-index.php?page=All+Example+Items")}
{TRACKER}
```

3-C: Upon saving the Wiki page that contains the {TRACKER} plugin, you should see the tracker fields appear in the wiki page, along with a “Save” button.

Figure 3-C: The Completed TRACKER form as displayed in the Wiki Page

The screenshot shows a Wiki page titled "Add New Example Item". At the top, there is a navigation bar with "TAF > Add New Example Item" and a link "Email this page". Below the navigation bar is a blue-bordered box containing a "Note" icon and the text "Page saved (version 1)".

The main content area is titled "Add New Example Item" and contains three tracker fields:

- Page Selector:** A text input field.
- Text Box:** A text input field.
- Text Area:** A large text area with a rich text editor toolbar above it. The toolbar includes icons for bold (B), italic (I), underline (U), link, unlink, list, and other editing functions.

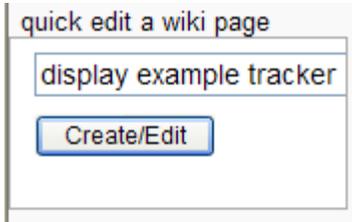
Below the text area, there is a "Word Count" field showing "1" and "Max: 80". A "Save" button is located at the bottom left of the form.

This Wiki page now displays the three tracker fields that were created in Step-1 (A-G).

Step – 4: Create a Wiki Page Containing the {TRACKERLIST} plugin to display each item you enter using the “Add New Example Item” Page. (See #4 Figure 1-A)

4-A: Create a Wiki Page titled “display example tracker”

Figure 4-A: Creating a Wiki Page Using the “quick edit a wiki page” Module



Note: This page must be name exactly the same as the third parameter in Figure 1-F (i.e. “display example tracker”)

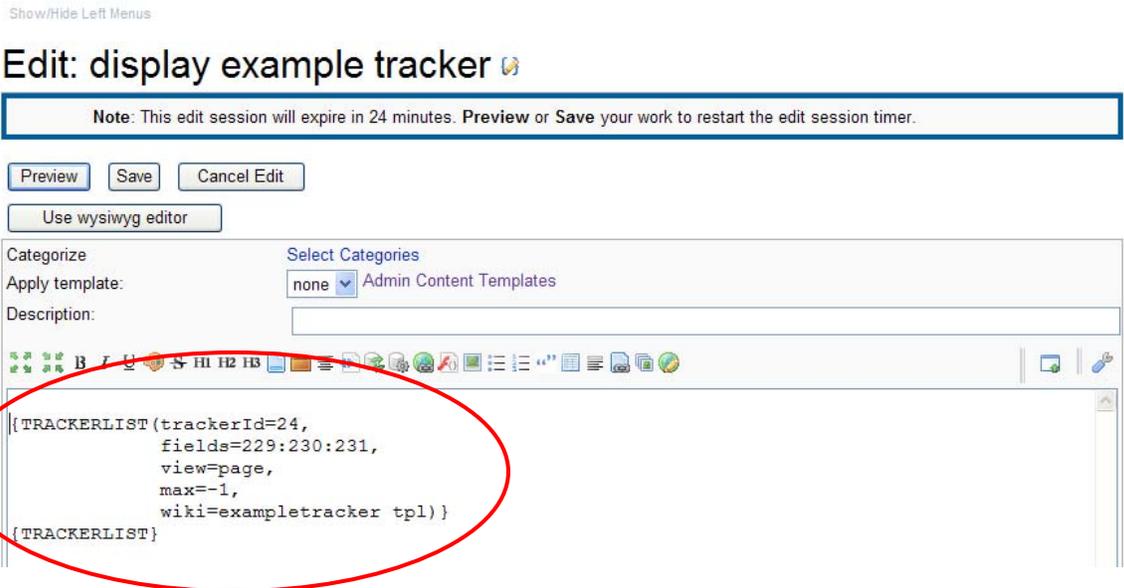
4-B: Include this {TRACKERLIST} text...

```
{TRACKERLIST(trackerId=24,
              fields=229:230:231,
              view=page,
              max=-1,
              wiki=exampletracker tpl)}
{TRACKERLIST}
```

Note: All these parameters must be present. The tracker and field ID numbers should match those in your own TikiWiki.

The “wiki” parameter names a yet-to-be created (Step 5) wiki page (exampletracker tpl) that will act as a template (tpl) file for displaying the output.

Figure 4-B: {TRACKERLIST} Plugin in Wiki Page



Once you click the “Save” button, the “display example tracker” page that displays will not look very impressive (**Figure 4-C**). You will need to create the “exampletracker.tpl” template page **AND** set the appropriate permissions on it (**Step 5**), before your page selector tracker begins to look like something special.

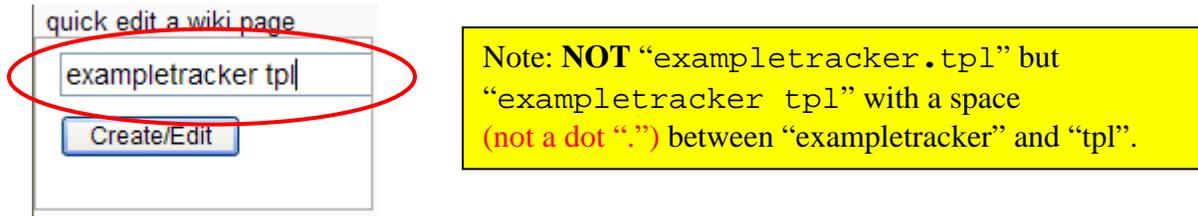
Figure 4-C: The “display example tracker” wiki page displayed after saving it



Step 5: Create A Wiki Page to Act as a Template

5-A: Create the “exampletracker tpl” page to act as a template

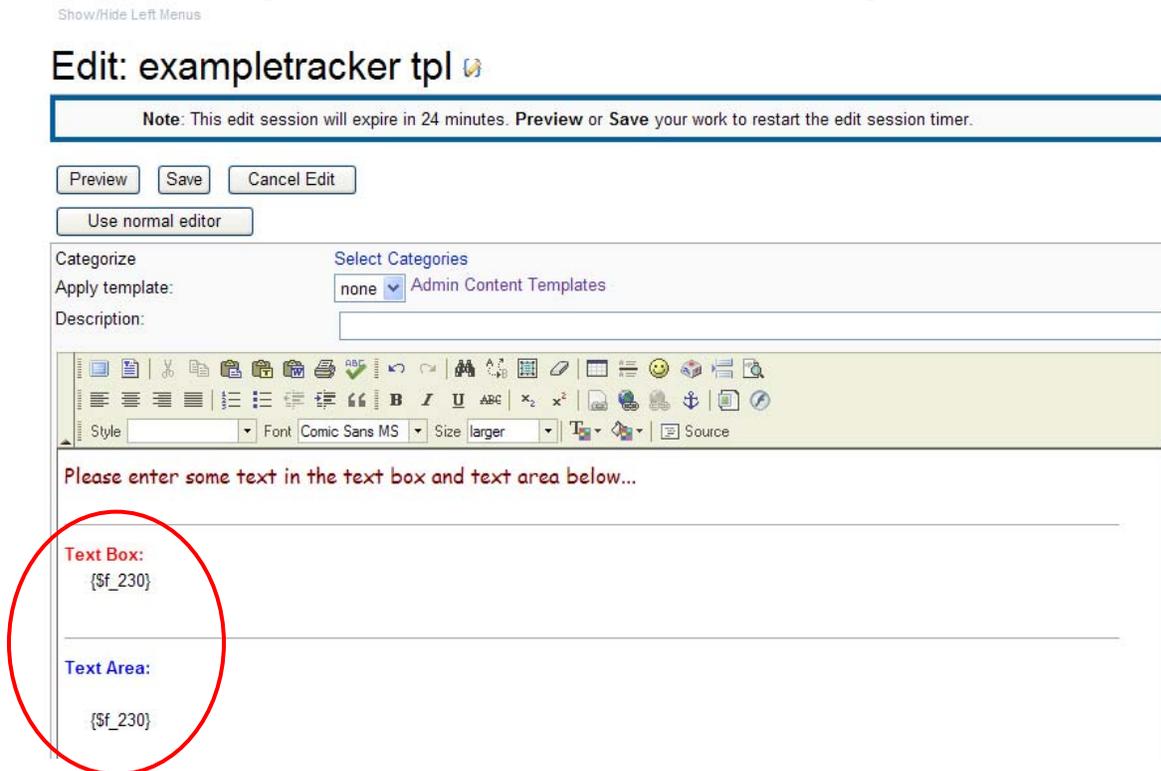
Figure 5-A: Creating a Wiki Page Using the “quick edit a wiki page” Module



In the wiki page editor, add references for you tracker field ID numbers. The references will be in the form “`{ $f_<filed ID number> }`” (e.g. `{ $f_230 }`). You may place these field references anywhere you want in the wiki page, and include other markup around them. If you are using the WYSIWYG editor, you can easily create fancy formats.

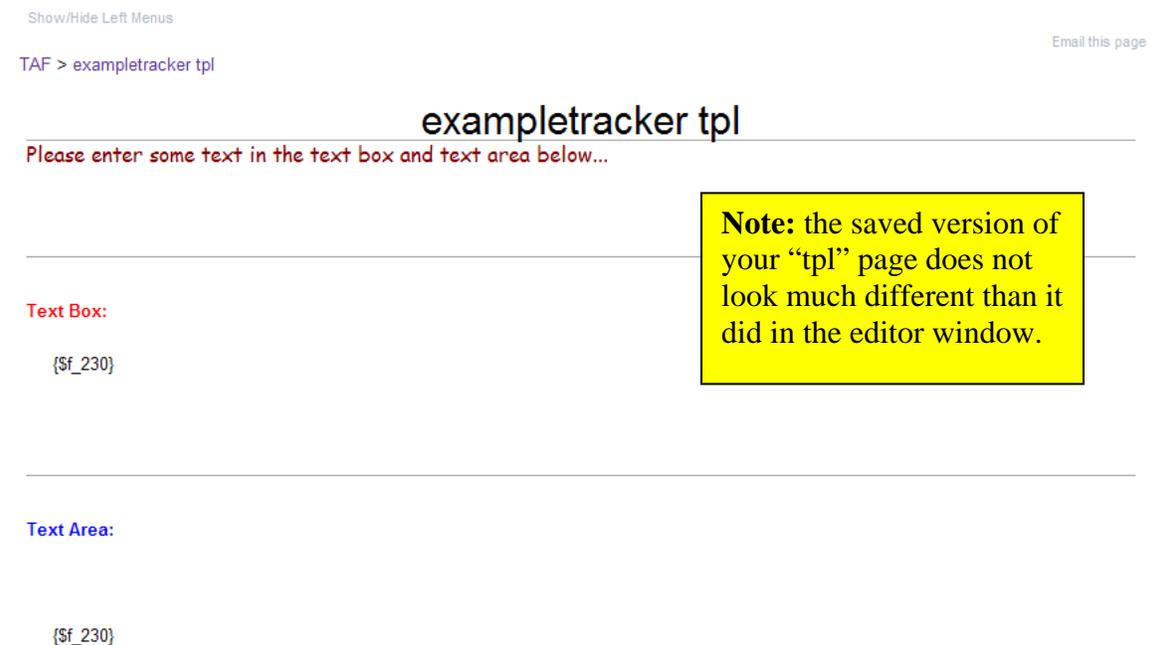
5-B: Edit the “exampletracker tpl” file to include your tracker field references

Figure 5-B: Template with Tracker Field References and Markup



5-C: Save your template page

Figure 5-C: The Saved Template Looks Like a Normal Wiki Page - WYSIWYG



5-D: Edit the Permissions on your “exampletracker tpl” file

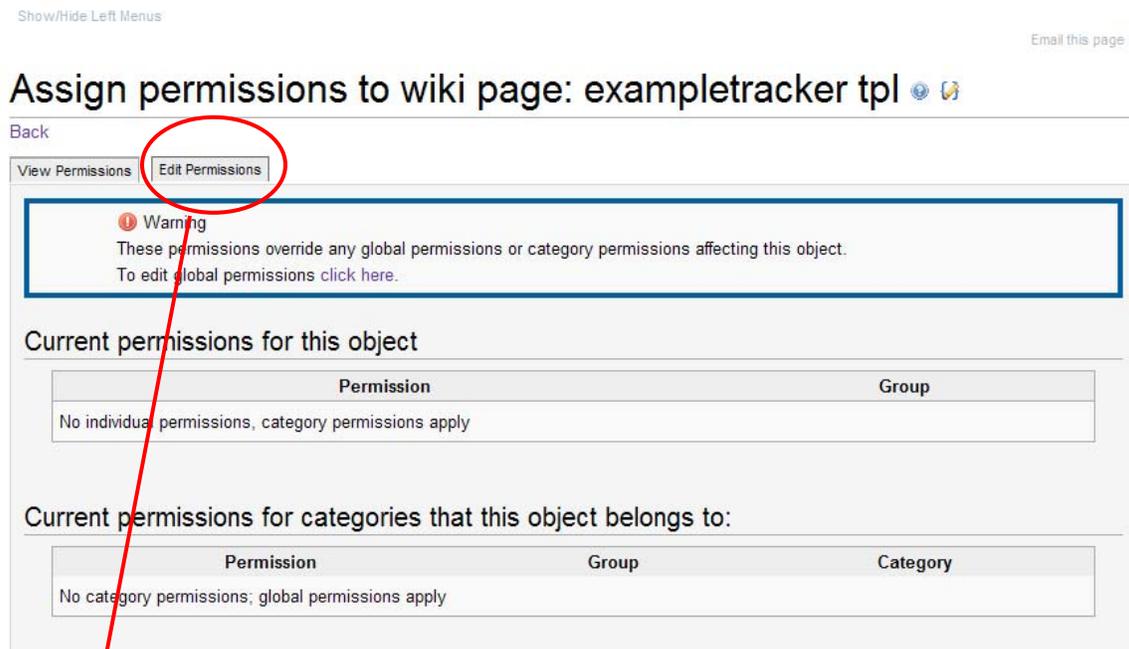
Navigate to “<http://<your server name>/tiki/tiki-listpages.php>” and locate your “exampletracker tpl” page in the list. Click on the icon shaped like a key to navigate to the permissions page.

Figure 5-D: Finding Your Wiki Page Using “tiki-listpages.php”



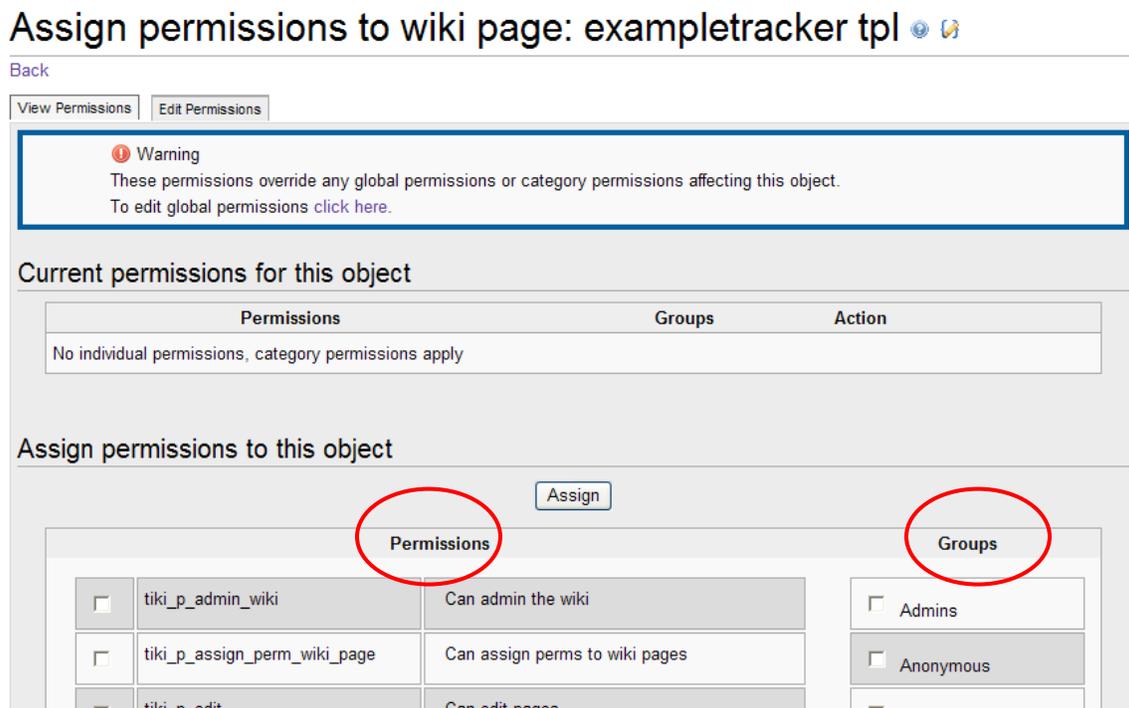
5-E: Select the “Edit Permissions” tab [or option]

Figure 5-E: View Permissions and Edit Permissions Tabs



5-F: Locate the “Permissions” and “Groups” columns on the “Edit Permissions” page.

Figure 5-F: The “Permissions” and “Groups” Columns You Need to Modify



5-G: Under “**Permissions**”, check “[tiki_p_use_as_template](#)”. Under “**Groups**”, choose “[Anonymous](#)” and then click the “**Assign**” button at the bottom of the page.

Figure 5-G: Appropriate Permission and Group Selection for the Template Page

Permissions		Groups	
<input type="checkbox"/>	tiki_p_admin_wiki	Can admin the wiki	<input type="checkbox"/> Admins
<input type="checkbox"/>	tiki_p_assign_perm_wiki_page	Can assign perms to wiki pages	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/>	tiki_p_edit	Can edit pages	<input type="checkbox"/> Registered
<input type="checkbox"/>	tiki_p_edit_dynvar	Can edit dynamic variables	<input type="checkbox"/> RolePerms-Owner
<input type="checkbox"/>	tiki_p_lock	Can lock pages	<input type="checkbox"/> RolePerms-Student
<input type="checkbox"/>	tiki_p_minor	Can save as minor edit	<input type="checkbox"/> RolePerms-Teacher
<input type="checkbox"/>	tiki_p_plugin_approve	Can approve plugin execution	
<input type="checkbox"/>	tiki_p_plugin_preview	Can execute unapproved plugin	
<input type="checkbox"/>	tiki_p_plugin_viewdetail	Can view unapproved plugin details	
<input type="checkbox"/>	tiki_p_remove	Can remove	
<input type="checkbox"/>	tiki_p_rename	Can rename pages	
<input type="checkbox"/>	tiki_p_rollback	Can rollback pages	
<input type="checkbox"/>	tiki_p_upload_picture	Can upload pictures to wiki pages	
<input checked="" type="checkbox"/>	tiki_p_use_as_template	Can use the page as a tracker template	

5-H: Verify that the permissions have been applied

Figure 5-H: The Edited Permissions Page

Assign permissions to wiki page: exampletracker tpl

[Back](#)

[View Permissions](#) [Edit Permissions](#)

 **Warning**
These permissions override any global permissions or category permissions affecting this object.
To edit global permissions [click here](#).

Current permissions for this object

	Permissions	Groups	Action
<input type="checkbox"/>	tiki_p_use_as_template <i>Can use the page as a tracker template</i>	Anonymous	
<input type="checkbox"/>	Select All		

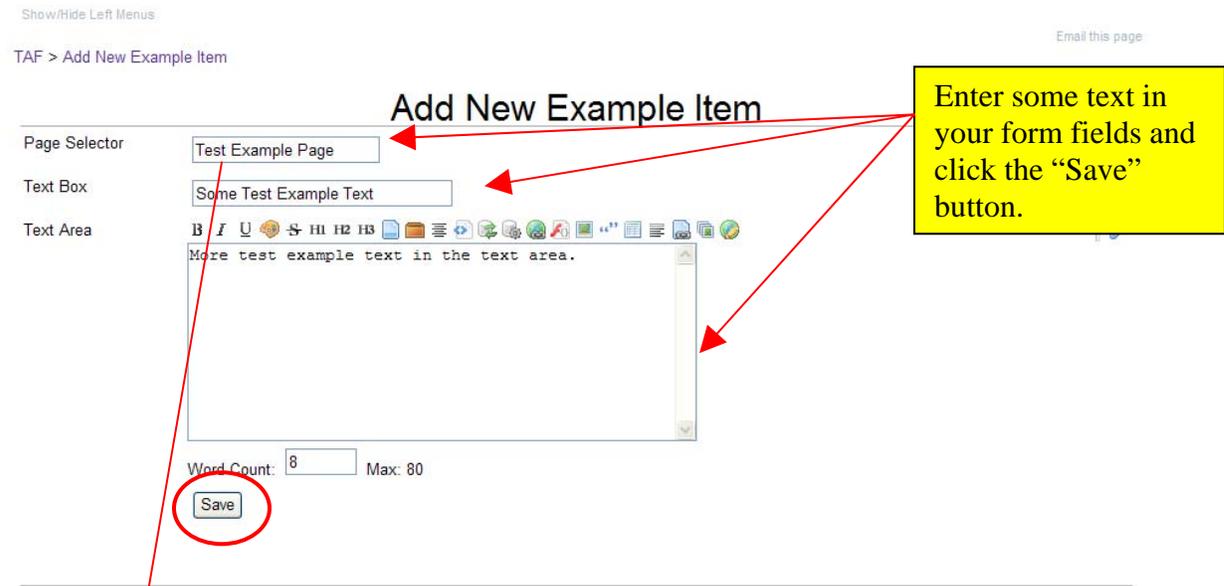
Step – 6: Verify that your Page Selector Tracker Works

Naviage back to your “Add New Example Item” page that you created in Step 3, by entering the following in your browser’s address field:

<http://<your server name>/tiki/tiki-index.php?page=Add+New+Example+Item>

6-A: Enter Some Text in the Form Fields

Figure 6-A: Filling in Your Page Selector Tracker’s Wiki-Form



6-B: You should see your “All Example Items” page appear, listing your newly created “Test Example Page”...

Figure 6-B: All Example Items Displaying the Newly Created “Test Example Page”



6-C: Click the “Test Example Page” hyperlink to view your wiki page

Figure 6-C: The “All Example Items” Page Created in Step 2

Show/Hide Left Menus Email this page

TAF > All Example Items

All Example Items

Page Selector	Text Box	Text Area	LastModif ▲
Test Example Page	Some Test Example Text	More test ex...	03 June, 2009 04:25 GMT-5

Figure 6-D: The Wiki Page Created Using Your Page Selector Tracker

Show/Hide Left Menus Email this page

TAF > Test Example Page

Test Example Page

Please enter some text in the text box and text area below...

Text Box:

Some Test Example Text

Text Area:

Some Test Example Text

Note: This wiki page has the layout that was defined created in the “exampletracker tpl” wiki page.

6-E: If you place the “Test Example Page” in edit mode, here’s what you will see.

Figure 6-E: What’s Behind Your Newly-Created Wiki Page...

