

PluginList format control block

The FORMAT control block is used to create individually formatted objects that can then be used in any of the individual OUTPUT methods.

- [Available filters](#)
- [Basic example](#)
- [Examples of the use of the FORMAT control block \(format and default value\)](#)
- [Example with comments](#)
- [Using Font Awesome icons instead of content depending on the value of the field content](#)
- [Editable inline sample using the table template](#)
- [Editable inline sample in a smarty \(or wiki\) template](#)
- [Using Font Awesome icons instead of content depending on the value of the field content](#)
- [Display an Item Link \(tracker item\) linked to another item within a template page](#)
- [Using smarty to format variables \(from Tiki 26+\)](#)

Available filters

Name	Description	Boolean	Sample	Tiki Version
default	Display a default value or a default file when no value is available	no	"empty", "1140" (fileId)	-
format	format the displayed value to something different that the db value (human readable)	no	"trackerrender", "date", "objectlink", etc. (see format parameters here)	-
editable	Make the field editable so the value can be changed from the results display. Inline editing (found in admin control panels => trackers) must be enable. Must be used in conjunction with the trackerrender format (see above) and may require mode="raw" when using it with the table output template}		editable="inline"	-

Note that in some cases the field that will be displayed has its own behavior and it can clash with the format you selected. IE: A tracker field that is a "title" is pre-formatted as a link. If you set the format as "objectlink" (or you set the display inside a link) the display will end broken as Tiki will try to display a link inside a link.

For the default parameter, it's important to remember that the tracker field "Files" works a bit differently than the others with this parameter. The tracker field Files expect an Id from the [File Gallery](#). When most of the other fields type will display the text of the default parameters the default for "Files" must be an existing file in a gallery. The file can be an "anonymous" portrait file or a plain white image or an image with only the text "Not Available", etc. Whatever you feel right for your usage.

Basic example

In most of the examples shown in [PluginList output control block](#) and [PluginList advanced output control block](#) you will see a FORMAT control block have been used. E.g. in the example shown for Table output as below, two FORMAT control blocks are used:

Sample using the default table formatting

```
{LIST()} {filter type="trackeritem"} {filter content="water"} {OUTPUT(template="table")} {column field="title_link" sort="title" label="Title" mode="raw"} {column field="description" label="Description"} {column field="event_date" sort="tracker_field_18" label="Event Date"} {OUTPUT} {FORMAT(name="title_link")}{display name="title"}
```

```
format="objectlink"){FORMAT} {FORMAT(name="event_date"){display name="tracker_field_18"
format="date"}{FORMAT} {LIST}
```

The first FORMAT control block defines an object with the name `title_link` that is displayed in a specific way - this object reference is then used in the column control block in the body of the table OUTPUT. Similarly the second FORMAT control block defines the `event_date` object which is also used in a column control block.

A similar use of the FORMAT control block allows the normal set of Smarty variables, eg `{user}` etc, to be made available in Smarty templates - for example:

Format example to reference a normal smarty variable

```
{FORMAT(name="theuser")} { {user} } {FORMAT}
```

This creates a reference object `theuser` with the `userId` of the current user which can then be invoked in a server stored smarty template using the variable `{ $row.theuser }`.

Examples of the use of the FORMAT control block (format and default value)

```
{LIST()} {filter field="tracker_id" content="1"} {filter field="tracker_status" content="o"} {OUTPUT()}
{DIV(class="h3")}{display name="name"}{DIV} {display name="photo"}%%% {display name="email"} {OUTPUT}
{FORMAT(name="name")}{display name="tracker_field_userName"}{FORMAT} {FORMAT(name="photo")}{display
name="tracker_field_userPhoto" format="trackerrender" default="1140"}{FORMAT} {FORMAT(name="location")}{display
name="tracker_field_userLocation" format="trackerrender" default="Unknown"}{FORMAT} {LIST}
```

Default parameter applied on the "photo" field will display a default generic image if not file found.
Default parameter applied on the "location" field will display the text "Unknown" if the field is empty.

Example with comments

You might want to display all comments, and this script will retrieve them:

Wiki Output Sample

```
{LIST(cache="n")} {filter type="comment"} {pagination max="10"} {OUTPUT( template="table")} {column field="title"}
{column field="comment_content"} {column field="object_link" mode="raw"} {column field="date"} {OUTPUT} {FORMAT(
name="object_link")} {display name="object_id" format="objectlink"} {FORMAT} {sort mode="date_desc"} {LIST}
```

The FORMAT control block defines an object with the name `object_link` which is displayed in such a way that it is `object_id` which is displayed and formatted as `objectlink`; which makes the id clickable. This object reference is then used in the column control block in the body of the OUTPUT table.
This gives us the following result:

Title	Comment	Thread Id	Date
Alternative Backup Solution	I installed phpMyBackupPro v.1.8 and modded tiki-login, including their scheduled backup script. I get my daily gzipped backup delivered right into my mailbox. Included it into the Login because only logged users can post on my site - thus if nobody logs in, there's no need to update the last backup ☐	181	2006-06-11 07:59:56

Title	Comment	Thread Id	Date
Re: Are forums/articles etc wiki pages?	... > At the moment I treat these as external links eg > http://tikiwiki.org/tiki-view_forum.php?forumId=6 > which doesn't feel correct. > > Should I ever merge or split a site, updating the links like this will be a nightmare! You can use just "tiki-view_forum.php?forumId=6" in links. Still appears as external, maybe, but will work at any domain the Tiki is installed at.	180	2006-05-30 03:17:07
utf-8 encoding and for example de with char like öäüß	utf-8 encoding and for example german (de) with char like öäüß or the witespace gets a mutation in webbrowser to http://doc.tikiwiki.org/tiki-index.php?page=Rewrite%20Rules&comzone=show http://doc.tikiwiki.org/page-Rewrite%20Rules result = error(404)	179	2006-05-19 00:09:33
Re: Are forums/articles etc wiki pages?	> How about blogs? etc > > Is there any wiki-syntax links for these? This is causing me grief as well.	178	2006-05-05 18:29:36
How to link to a file in a File Gallery	You could add a discussion of how to create a link in a Wiki page that links to a file in a File Gallery. While this information might probably belong here, to cover linking to this item from anywhere, it be referred to in or copied into Wiki-Syntax Links .	176	2006-03-11 16:25:49
This should go up at the top (was Re: Navigation Difficulties)	Update: after digging around and watching the TikiMovie "Preliminary Settings", I made some non-intuitive steps and pieced together the following: * Go to "Admin/Groups". * Click on the name of a group, i.e. "Registered" under "List of existing groups." * Click on the little "Assign permissions." link. From a usability standpoint, it would be better if the links had names that suggested "Here's how you can assign permission" ("Groups" could conceivably be guessed as where you go to edit permissions, but so could a lot of other things), and if the setting permissions page specified this, because I at least didn't quite find it obvious. ++ Jonathan Hayward, jonathan.hayward at pobox.com ** To see an award-winning website with stories, essays, artwork, ** games, and a four-dimensional maze, why not visit my home page? ** All of this is waiting for you at http://JonathansCorner.com	175	2006-03-09 20:36:31
Navigation difficulties	I managed once before to find the permissions page and begin to set permissions, but aside from the tikiadminusers.php and tikiadmingroups.php posted in an easy-to-overlook way, I cannot tell either from my admin menu or from this help page how to navigate to the pages that will tell me what to do. I view this as a serious usability bug: my tiki is capable of extensive customization, but I can't tell from the program or this help how to find it. How do I *navigate* to the pages that will let me set these permissions? If I can't navigate to those pages, I can't take advantage of this page. -Jonathan (http://JonathansCorner.com)	174	2006-03-09 16:02:36
Typos	There are a couple of typos: In Shout Box permissions, one permission is explained as "Can pot messages in shoutbox". (Should be "poSt".) Under User permissions, one permission has "Can create user bookmarksche user bookmarks" (should remove "sche". -Jonathan (http://JonathansCorner.com)	173	2006-03-09 15:28:58
Documentation Images Missing	Only seeing image placeholders in the Editing page. The IMG links seem to be good, so maybe the images are deleted? Anyone able to check and repost them if so?	170	2006-01-05 13:45:41
Categories needs to point to a definition	The difference between topics and categories was not clear to this old bear. We need to point to a definition, or glossary.	168	2005-12-21 22:44:39

- «
- 1
- ...
- 14
- 15
- 16
- 17 (current)
- 18
- 19
- 20
- ...
- 25
- »

We see that this only gives us the information about the object (the comment in this case), but what if I want to have more information before visiting the comment?

One way to do this is to add a column which indicates the item being commented on. It is typically a wiki page or tracker item which is clickable and takes me there.

So let's make some changes and see what we have:

Wiki Output Sample

```
{LIST(cache="n")} {filter type="comment"} {pagination max="10"} {OUTPUT( template="table")} {column
field="contributors"} {column field="title"} {column field="comment_content"} {column field="parent_object_title"
mode="raw"} {column field="object_link" mode="raw"} {column field="date"} {OUTPUT} {FORMAT( name="object_link")}
{display name="object_id" format="objectlink"} {FORMAT} {FORMAT( name="parent_object_title")} {display
name="parent_object_type"}: {display name="wikiplugin_objectlink" format="wikiplugin" type="parent_object_type"
id="parent_object_id"} {FORMAT} {sort mode="date_desc"} {LIST}
```

Here we have just added a new column whose label is "Parent Object".
The new FORMAT control block formats the parent_object_title field, which is the title of the comment's parent object, then with {display} tag we first display the name of the parent object, which is stored in the parent_object_type field. For example, if the parent object is a trackeritem, it will display "trackeritem:", and finally we display the link to the parent object, using the wikiplugin_objectlink plugin. This plugin allows you to create a link to a Tiki object according to its type and its identifier. Here you specify the link format as "wikiplugin", the object type as parent_object_type, and the object id as parent_object_id. For example, if the parent object is a trackeritem with id 1, this will generate a link to "tiki-view_tracker_item.php?itemId=1". So you get a field that displays the name and link of the comment's parent object. For example, if the comment is linked to an item called "This is my first item", you display "trackeritem: This is my first item".
This gives us the following result:

Title	Comment	Parent Object	Thread Id	Date
Alternative Backup Solution	I installed phpMyBackupPro v.1.8 and modded tiki-login, including their scheduled backup script. I get my daily gzipped backup delivered right into my mailbox. Included it into the Login because only logged users can post on my site - thus if nobody logs in, there's no need to update the last backup ☐	wiki page: Backup	181	2006-06-11 07:59:56
Re: Are forums/articles etc wiki pages?	... > At the moment I treat these as external links eg > http://tikiwiki.org/tiki-view_forum.php?forumId=6 > which doesn't feel correct. > > Should I ever merge or split a site, updating the links like this will be a nightmare! You can use just "tiki-view_forum.php?forumId=6" in links. Still appears as external, maybe, but will work at any domain the Tiki is installed at.	wiki page: Wiki-Syntax Links	180	2006-05-30 03:17:07
utf-8 encoding and for example de with char like öäüß	utf-8 encoding and for example german (de) with char like öäüß or the witespace gets a mutation in webrowser to http://doc.tikiwiki.org/tiki-index.php?page=Rewrite%20Rules&comzone=show http://doc.tikiwiki.org/page-Rewrite%20Rules result = error(404)	wiki page: Apache Clean URLs	179	2006-05-19 00:09:33

Title	Comment	Parent Object	Thread Id	Date
Re: Are forums/articles etc wiki pages?	> How about blogs? etc > > Is there any wiki-syntax links for these? This is causing me grief as well.	wiki page: Wiki-Syntax Links	178	2006-05-05 18:29:36
How to link to a file in a File Gallery	You could add a discussion of how to create a link in a Wiki page that links to a file in a File Gallery. While this information might probably belong here, to cover linking to this item from anywhere, it be referred to in or copied into Wiki-Syntax Links .	wiki page: File Gallery User	176	2006-03-11 16:25:49
This should go up at the top (was Re: Navigation Difficulties)	Update: after digging around and watching the TikiMovie "Preliminary Settings", I made some non-intuitive steps and pieced together the following: * Go to "Admin/Groups". * Click on the name of a group, i.e. "Registered" under "List of existing groups." * Click on the little "Assign permissions." link. From a usability standpoint, it would be better if the links had names that suggested "Here's how you can assign permission" ("Groups" could conceivably be guessed as where you go to edit permissions, but so could a lot of other things), and if the setting permissions page specified this, because I at least didn't quite find it obvious. ++ Jonathan Hayward, jonathan.hayward at pobox.com ** To see an award-winning website with stories, essays, artwork, ** games, and a four-dimensional maze, why not visit my home page? ** All of this is waiting for you at http://JonathansCorner.com	wiki page: Permissions	175	2006-03-09 20:36:31
Navigation difficulties	I managed once before to find the permissions page and begin to set permissions, but aside from the tikiadminusers.php and tikiadmingroups.php posted in an easy-to-overlook way, I cannot tell either from my admin menu or from this help page how to navigate to the pages that will tell me what to do. I view this as a serious usability bug: my tiki is capable of extensive customization, but I can't tell from the program or this help how to find it. How do I *navigate* to the pages that will let me set these permissions? If I can't navigate to those pages, I can't take advantage of this page. -Jonathan (http://JonathansCorner.com)	wiki page: Permissions	174	2006-03-09 16:02:36
Typos	There are a couple of typos: In Shout Box permissions, one permission is explained as "Can pot messages in shoutbox". (Should be "poSt".) Under User permissions, one permission has "Can create user bookmarksche user bookmarks" (should remove "sche". -Jonathan (http://JonathansCorner.com)	wiki page: Permissions	173	2006-03-09 15:28:58
Documentation Images Missing	Only seeing image placeholders in the Editing page. The IMG links seem to be good, so maybe the images are deleted? Anyone able to check and repost them if so?	wiki page: Tutorial - Editing Wiki Pages	170	2006-01-05 13:45:41
Categories needs to point to a definition	The difference between topics and categories was not clear to this old bear. We need to point to a definition, or glossary.	wiki page: Articles	168	2005-12-21 22:44:39

- «
- [1](#)
- ...
- [14](#)
- [15](#)
- [16](#)
- [17 \(current\)](#)
- [18](#)
- [19](#)
- [20](#)
- ...
- [25](#)
- »

Using Font Awesome icons instead of content depending on the value of the field content

Tweaking the sample above and using font awesome (integrated in Tiki) you can display corresponding icons for a content. In this demo case we have a tracker with a "gender" field that hold 2 values, "male" or "female". There is a "male" and a "female" icon in Font Awesome and as both use the same term we can assign it to a div type icon and class.

```
{LIST()} {filter field="tracker_id" content="42"} {OUTPUT(template="table")} {column label="Title" field="title"
sort="title"} {column label="Gender" field="gender"} {OUTPUT} {FORMAT(name="gender")}{DIV(type=i class=fa fa-
{display name="tracker_field_gender"}}){DIV}{FORMAT} {LIST}
```

Editable inline sample using the table template

```
{column label="First Name" field="firstName" mode=raw} ... {FORMAT(name="firstName")}{display
name="tracker_field_firstName" format=trackerrender editable=inline}{FORMAT}
```

Editable inline sample in a smarty (or wiki) template

In this wikiplugin embedded in a smarty (or wiki) template the field is set to be editable inline (note: format="trackerrender" is required as well as the Inline editing (found in admin control panels=>trackers)

```
{wikiplugin _name=list} {literal} {filter content="2" field="tracker_id"} {output(template="mytemplate.tpl")}
{ALTERNATE()} empty {ALTERNATE} {FORMAT(name="name")}{display name="tracker_field_name" editable="inline"
format="trackerrender" default=""}{FORMAT} {/literal} {/wikiplugin}
```

So the 2nd column uses a FORMAT plugin where the contents of the field in question, tracker_field_data, is used as the class for a div but the default (used if the data field is empty) is set to be the bootstrap class "hidden" so the contents, the check mark, only appears if there is some data.

Obviously if the data is the name of some other class weird stuff might happen, but for most usual cases, it works as expected and saves having to make a new smarty template just for this simple list.

(Tip and example taken from a message from JonnyB in the developers list - thanks!)

Using Font Awesome icons instead of content depending on the value of the field content

Tweaking the sample above and using font awesome (integrated in Tiki) you can display corresponding icons for a content. In this demo case we have a tracker with a "gender" field that hold 2 values, "male" or "female". There is a "male" and a "female" icon in Font Awesome and as both use the same term we can assign it to a div type icon and class.

```
{LIST()} {filter field="tracker_id" content="42"} {OUTPUT(template="table")} {column label="Title" field="title"
sort="title"} {column label="Gender" field="gender"} {OUTPUT} {FORMAT(name="gender")}{DIV(type=i class=fa fa-
{display name="tracker_field_gender"}}){DIV}{FORMAT} {LIST}
```

It will display a ♀ if the content of the field = male and a ♂ if the content of the field = female.

Display an Item Link (tracker item) linked to another item within a template page

When you use a template to display your plugin list you want other item related or linked to the item to open using the same template (or another it doesn't matter) but not to open the trackers built-in system. For this you need to enable the [Alias feature](#) and set it to use the template to display the tracker item, "record-" for this sample.

When you use an item link to link an item to other item (related, friend of, etc.) this is a kind of a problem.

Item link has 2 option to display and item link. Value and Link.

Value display the id of the content (ie: 6).

Link display the value of the content linked to the tracker item (ie: Bernard).

Your link should be like:

```
[record-6|Bernard]
```

So it open the item "Id6" in the "record-" template showing the value "Bernard" for the link.

To achieve this you need to create and use 2 row.

```
{FORMAT(name="name")}{display name="tracker_field_contact" format=trackerrender}{FORMAT}
{FORMAT(name="id")}{display name="tracker_field_contact"{FORMAT}
```

The first one **with** format=trackerrender will display the content of the tracker Item Link field as it is shown in the tracker (Bernard).

The second one **without** the format=trackerrender will show the real value for this field (6).

The assemble your link as follow:

```
[record-{{display name="id"}}|{{display name="name"}}]
```

It will complete the trick and open the item 6 using the record- template while the link displayed will show the right value, Bernard.

Using smarty to format variables (from Tiki 26+)

Instead of using wiki format, you can specify **template** or **tplwiki** arguments to refer to a smarty template stored in a file or a wiki page. See [PluginList-output-control-block#Parameters](#) for more info on accepted values.

All the LIST Plugin control blocks

- [PluginList pagination or list control block](#)
- [PluginList filter control block](#)
- [PluginList output control block](#)
- [PluginList format control block](#)
- [PluginList display control block](#)
- [PluginList sort control block](#)
- [PluginList advanced output control block](#)
- [PluginList multisearch output control block](#)
- [PluginList aggregate control block](#)
- [PluginList overview about control blocks parameters and values](#)
- [Troubleshooting](#)

- [GUI](#)
- [Hacks and Fun](#)
- [PluginList and Metatags - SEO](#)