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 thers with this parameter. The tracker field Files expect an Id from the File Gallery. When most of the other fields typ will display the text of the default parameters the default for "Files" must be an existing file in a gallery. The file can b 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

n most of the examples shown in PluginList output control block and PluginList advanced output control block you wil
ee a FORMAT control block have been used. E.g. in the example shown for Table output as below, two FORMAT contro
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}

×

Note

The double brackets (`{{}}`) around `user` should have no spaces between them. Spaces are used here only to keep the user variable from being interpreted.

his creates a reference object `theuser` with the userId of the current user which can then be invoked in a server store

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
Specify multiple (from Kroky on the matrix room)	If you wish	859	2024-10-21 07:54:22
Specify multiple (from Kroky on the matrix room)	If you wish to include parent list results that has at least one sublist result, you can use required="1" parameter on the sublist clause. Also, if you have multiple visited doctors, specify multiple="1" . Then, each row of the resultset will contain "visited_doctors" param as an array. Source: https://matrix.to/#/#tiki-org_community:gitter.im	858	2024-10-21 07:54:03
Specify multiple (from Kroky on the matrix room)	If you wish to include parent list results that has at least one sublist result, you can use required="1" parameter on the sublist clause. Also, if you have multiple visited doctors, specify multiple="1". Then, each row of the resultset will contain "visited_doctors" param as an array. Source: https://matrix.to/#/#tiki-org_community:gitter.im	857	2024-10-21 07:53:05
Specify multiple (from Kroky on the matrix room)	If you wish to include parent list results that has at least one sublist result, you can use required="1" parameter on the sublist clause. Also, if you have mulitple visited doctors, specify multiple="1". Then, each row of the resultset will contain "visited_doctors" param as an array. Source: https://matrix.to/#/#tiki-org_community:gitter.im	856	2024-10-21 07:52:36

Title	Comment	Thread Id	Date
Here is a comment about targeted comments	note Permits targeted comments Here is a test to demonstrate inline comments.	852	2023-04-28 17:17:20
feature_userPreferences must be enabled	In order to have this page working, it must be enabled the Community > User features > feature_userPreferences "User Preferences Screen". If it is disabled, at the moment the page throws an error "ERR_EMPTY_RESPONSE".	851	2022-12-19 13:58:10
Setting' → Mail Notifications?	I found this in Settings → Mail Notifications	850	2021-12-13 13:50:20
Slightly different	The procedure explained here would not precisely work this way. Also, I would highly advise to shut down the old Tiki into Maintenance Mode first, so that no "last minute changes" would get lost when the DB gets transferred. After you transferred the files and the DB, you will see a seemingly (!) fully operational Tiki under the new URL, but beware, this is because the new Tiki will reach into the old DB, because it has server/user name and password to do so, and unless your ISP provides some protection against cross-accessing (or you switched ISPs) you get the illusion (!) that it works. It does, but it will continue to use the old DB. The transfer of a working Tiki means pointing to /tiki will not bring up the installation, because it gets disabled when Tiki goes into operational mode! So either you have to re-activate the install script (which gets deactivated for a VERY good reason: Security!) or you have to enter the new DB access data in the "working" Tiki...	849	2021-09-25 09:07:31
How to activate Roles?	In order to get the Roles fields in the group creation, I had to activate features Categories and Templated Groups . Is that how it is meant to be? Nothing seems to be called Roles .	848	2020-10-08 15:40:04
This is exactly what I needed	Very helpful info! Thank you!	847	2020-07-10 05:08:15

«

1 (current)

2

3

4

...

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
Specify multiple (from Kroky on the matrix room)	If you wish	wiki page: Sublist	859	2024-10-21 07:54:22
Specify multiple (from Kroky on the matrix room)	If you wish to include parent list results that has at least one sublist result, you can use required="1" parameter on the sublist clause. Also, if you have multiple visited doctors, specify multiple="1" . Then, each row of the resultset will contain "visited_doctors" param as an array. Source: https://matrix.to/#/#tiki-org_community:gitter.im	wiki page: Sublist	858	2024-10-21 07:54:03
Specify multiple (from Kroky on the matrix room)	If you wish to include parent list results that has at least one sublist result, you can use required="1" parameter on the sublist clause. Also, if you have multiple visited doctors, specify multiple="1". Then, each row of the resultset will contain "visited_doctors" param as an array. Source: https://matrix.to/#/#tiki-org_community:gitter.im	wiki page: Sublist	857	2024-10-21 07:53:05
Specify multiple (from Kroky on the matrix room)	If you wish to include parent list results that has at least one sublist result, you can use required="1" parameter on the sublist clause. Also, if you have mulitple visited doctors, specify multiple="1". Then, each row of the resultset will contain "visited_doctors" param as an array. Source: https://matrix.to/#/#tiki-org_community:gitter.im	wiki page: Sublist	856	2024-10-21 07:52:36
Here is a comment about targeted comments	note Permits targeted comments Here is a test to demonstrate inline comments.	wiki page: Inline comments	852	2023-04-28 17:17:20
feature_userPreferences must be enabled	In order to have this page working, it must be enabled the Community > User features > feature_userPreferences "User Preferences Screen". If it is disabled, at the moment the page throws an error "ERR_EMPTY_RESPONSE".	wiki page: User Preferences	851	2022-12-19 13:58:10
Setting' → Mail Notifications?	I found this in Settings → Mail Notifications	wiki page: Mail notifications	850	2021-12-13 13:50:20

Title	Comment	Parent Object	Thread Id	Date
Slightly different	The procedure explained here would not precisely work this way. Also, I would highly advise to shut down the old Tiki into Maintenance Mode first, so that no "last minute changes" would get lost when the DB gets transferred. After you transferred the files and the DB, you will see a seemingly (!) fully operational Tiki under the new URL, but beware, this is because the new Tiki will reach into the old DB, because it has server/user name and password to do so, and unless your ISP provides some protection against cross-accessing (or you switched ISPs) you get the illusion (!) that it works. It does, but it will continue to use the old DB. The transfer of a working Tiki means pointing to /tiki will not bring up the installation, because it gets disabled when Tiki goes into operational mode! So either you have to re-activate the install script (which gets deactivated for a VERY good reason: Security!) or you have to enter the new DB access data in the "working" Tiki...	wiki page: Move Tiki to a new server	849	2021-09-25 09:07:31
How to activate Roles?	In order to get the Roles fields in the group creation, I had to activate features Categories and Templated Groups . Is that how it is meant to be? Nothing seems to be called Roles .	wiki page: Roles	848	2020-10-08 15:40:04
This is exactly what I needed	Very helpful info! Thank you!	wiki page: Pretty Tracker	847	2020-07-10 05:08:15

«

1 (current)

2

3

4

...

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.
n 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 ad 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.
n 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+)

nstead 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