

# LIST - display

The DISPLAY control block (or block) is used when you want to display something in-place where you put it - either in the body of a [FORMAT](#) block or directly in the body of the [OUTPUT](#) block or in a referenced custom template (Smarty tpl file or a wiki page).

## Syntax

DISPLAY block has two possible syntax options similar to [Wiki-Plugin](#) syntax. For example you could use:

```
{DISPLAY(param="foo")}{DISPLAY}
```

But it seems the body of the DISPLAY block is never rendered anyway so it is obviously better to use the *lowercase* shortened version without the content part:

```
{display param="foo"}
```

The `param="foo"` can be e.g. `format="plain"`.

It is possible to omit the double quotes but it is recommended to use them for consistency just in case a value contains spaces.

## Parameters

- *name*  
mandatory parameter where you put the name of the [Indexed Field](#) you want to display or an alias which refers to name of the [FORMAT](#) block.
- *default*  
The DISPLAY 'plugin' can have an additional `default` parameter to specify the value to use if the object type does not contain the named value
  - use `default=" "` to show a blank value instead of `No value for ...` when there is no value
- *format*  
The DISPLAY 'plugin' can have an additional *format* parameter to specify custom display methods
  - `plain` : as-is, default format (does not work with Arrays as is, you need to add the `separator=" "` param below on them)
    - Optional `separator` attribute
  - `count` : number of elements in a multivalue element
    - Useful to count the number of results in sublists  
<https://gitlab.com/tikiwiki/tiki/-/commit/1b8c4ac461d38d7d3593439f69cdb3f1925170d1> (Tiki 27+)
    - "Example use:

```
{SUBLIST(name="active_ptms" multiple="1")} ... {SUBLIST}
{FORMAT(name="active_ptms_count")}{display name="active_ptms" format="count"}{FORMAT}
```

- `date` : using the short date format
  - Optional `dateFormat` to specify the date format using [strftime](#) (since 15.4 approx)
- `datetime` : using the short datetime format (Tiki8)
- `timeago` : using the `timeago.js` formatting for more readable dates and times (Tiki16/15.3)
- `imagegrabber` : automatically grabs images from a source that is provided. set `format="imagegrabber"` to use.
  - Mandatory `name` attribute is the content for which you're searching
  - Optional `content_type` attribute is either `html` when searching through html source, or `forumpost` (default for backwards compatibility) to search for images in a forum.
  - "Example use:

```
{FORMAT(name="images")}{display name=article_content format="imagegrabber"
content_type="html" width="150" max="3" default="img/icons/synergicq-folder.png"}{FORMAT}
```

- Return value for `html` is in the following format, assuming a return of 3 images:

```
<img src='http://abc/imagea.jpg'> <img src='http://abc/imageb.jpg'> <img
src='http://abc/imagec.jpg'>
```

- `objectlink` : uses the value as the label to a link to the object
- `slug` : render values out using the current wiki url scheme (*Tiki 18.2+*)
- `url` : render urlencoded values. Useful for building URLs (*Tiki 21.3+*)
- `snippet` : to display the initial portion of the a large text
  - Optional `length` attribute
  - Optional `suffix` attribute
- `reference` : to display a link based on the value
  - Mandatory `type` attribute
    - Type can be:
      - `comment`
      - `external` (or `external_extended`)
      - `forumpost` (or `forum post`)
      - `freetag`
      - `group` (n.b. Nowhere to link, at least, yet.)
      - `relation_source`
      - `relation_target`
      - `trackeritem`
      - `trackeritemfield`
      - `user`
      - `wiki wikipage` or `wiki page`
    - Optional `separator` attribute
    - Use `format=reference` for tracker fields which are `page selector` fields, to assure that you link to the page whose name is contained in the tracker, rather than to the tracker record.
  - `trackerrender` : to render a tracker field (when using `trackerrender` the Smarty variable `$context.search_render` will be `y` and can be used to have different formatting in the trackeroutput Smarty tpl)
  - `templaterender` : to use a field as a template (*Tiki 19*) - experimental, more info to come...
  - `wikiplugin` : Renders a wiki plugin in the list output
    - `name` : plugin name, e.g. `wikiplugin_img`
    - `default` : fallback values for any parameters in url query format (e.g. `fileId=42&caption=Not+Found`) (*Tiki 11*)
    - `content` : plugin content body
    - other plugin params (*Tiki 11*)
  - `categorylist`, to display category names instead of category id's. By default, it will display categories in html unordered lists; but you can produce a plain text list of category names when you add the parameter: `separator=","`. (*Tiki =>16.2*)+-
  - `number`, to display formatted number using `php number_format` function. Accepts parameters: `decimals=0` (number of decimal digits), `dec_point=.` (decimal point character), `thousands_sep=,` (thousands separator character). (*Tiki =>17.0*)+-
  - `currency`, to display currency field in different currency using exchange rates for a given date. Accepts parameters: `target_currency=USD` (the currency to display data in), `date=tracker_field_transactionsDate` (permanent name of a tracker field holding date of exchange rate or a formatted date here), `symbol=y|n` (default `y` meaning to use currency symbol, `n` meaning to use currency code). (*Tiki =>19.0*)+-
  - *list\_mode*  
(*Tiki 9+*) `list_mode="y"` can be added to use the list display settings for that field. e.g. `{display name="tracker_field_42" format="trackerrender" list_mode="y"}`; other option is `list_mode="csv"` to display as plain text value
  - *pagetitle*  
(*Tiki 9+*) `pagetitle="y"` will set the browser title to the contents of the field for the first item found in the results with page title set (useful for single item result pages)
  - *pagedescription*  
(*Tiki 11+*) `pagedescription="y"` will set the page's meta description tag to the contents of the field for the first item found in the results with `pagedescription` set if the `metatag_pagedesc` preference is enabled.
    - **Note:** For both `pagedescription` and `pagetitle` no filtering is performed on the content, so use plain text only and avoid non-alphanumeric characters.
  - *editable*  
(*Tiki 11+*) `editable="inline"` will set the field to be editable for tracker fields when using `format trackerrender`. Required: "Inline editing (found in trackers)" and column should be set to `mode=raw`. e.g:

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

- The **FORMAT** 'plugin' allows to apply a wiki template and store it inside a named value. The value can then be used inside an other wiki template, or more usefully inside a smarty template.
- *Action*
  - There is no built in "actions" field (edit, delete, etc.) for PluginList yet (March 2021) so you have to use a custom configuration. An example in wiki syntax is listed below.

## Examples

### General

Display blog post with title (yes, you can use vanilla HTML code in the OUTPUT) `<h2>{display name="title" format="objectlink"}</h2> {display name="blog_content"}` Display shortened blog post snippet `{display name="blog_content" format="snippet" length="96" suffix="..."}` Display category links `{display name="categories" format="reference" type="category"}` Display freetag links `{display name=freetags" format="reference" type="freetag"}` Display item link `{display name="tracker_field_42" format="trackerrender"}` `{display name="tracker_field_42" format="reference" type="trackeritem"}` Display start of a wiki page `{display name="wiki_content" format="snippet" length="500" suffix="..."}` Display a username and real name (e.g. for blog posts) with link to user info: `{display name="contributors" format="reference"}` `{display name="contributors" format="reference" type="user"}` Display field in FORMAT block referenced via alias "foo" `{display name="foo"}` (Please note FORMAT must be always outside of the OUTPUT) `{OUTPUT()}` Preview of the Foo: `{display name="foo"}` `{OUTPUT}` `{FORMAT(name="foo")}` `{display name="wiki_content" format="snippet" length="500" suffix="..."}` `{FORMAT}` (Tiki 8) Categories (n.b. does not seem to work on the mysql engine, checked in Tiki 12 and 14 - not tried Lucene) `{display name="categories" format="categorylist" singleList="y"}` `{display name="categories" format="categorylist" requiredParents="15,20" excludeParents="5,6"}` `{display name="categories" format="categorylist" singleList="y" separator=","}` Display a time only `{display name="modification_date" dateFormat="%k:%M"}` Display only the year `{display name="tracker_field_dateOpening" format="date" dateFormat="%Y"}` Display a tracker item's status only `{display name="tracker_status" format="trackerrender"}` Display an 'action' "Note: this is an example of only displaying 'Delete' Tracker item functionality, other functionality, for example 'edit' will be different" `{DIV(class="btn btn-danger text-white click-modal")}{tiki-tracker-remove_item?trackerId=11&modal=1&itemId={display name="object_id"}}` `{icon name="delete"}` `{DIV}`

## Wiki Plugin Formatting

(Tiki 9) Wiki Plugins `{display name="wikiplugin_addtocart" format="wikiplugin" code="tracker_field_42" description="tracker_field_43" price="tracker_field_44"}` (Tiki 11) `{display name="wikiplugin_img" format="wikiplugin" fileId="tracker_field_pic" thumb="box" default="fileId=42"}` If the wiki plugin needs a body, this goes into the content `{display name="wikiplugin_list" format="wikiplugin" content="{filter type=trackeritem} {filter field=tracker_id exact=4}"}` Note: this makes use of the fact that single-word parameters don't really need to be surrounded by double quotes. The same result is obtained with the more ugly: `{display name="wikiplugin_list" format="wikiplugin" content="{filter type=\"trackeritem\"} {filter field=\"tracker_id\" exact=\"4\"}"}` (Tiki 19 - backported to 18.4) To replace parts of the content parameter with data from the results surround the field name with %percentages% This example shows the number of comments on each tracker item `{display name="wikiplugin_list" format="wikiplugin" content="{filter type=comment} {filter field=parent_object_type content=trackeritem} {filter field=parent_object_id content=%object_id%}"}` `{output template=count}` `{ALTERNATE()} 0 {ALTERNATE}"}`

## Related

### 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](#)