Dynamic variables

The dynamic variable feature allows you to add some content once, assigning it to a variable, and then you can use it dynamically throughout all your Tiki site by calling the variable name surrounded by percentage characters (%). Like this:

```
%variable14%
```

So to use, just click on the text in the box below (you need to be logged in):

The permission `tiki_p_edit_dynvar` must be given to the group. On the current site `tiki_p_edit_dynvar` has been given to Anonymous group. The box above is just to help you find the text. Dynamic variables can be used in a sentence. For example, " strong " is the current value.

This can be useful for contact name, phone number, etc. to be used throughout a Tiki site. If you have a multilingual Tiki, you can use dynamic variables for strings of text which are the same in all languages.
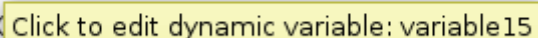
This feature is different than Dynamic Content.

Usage

(1) Create a new variable, by calling it

```
%variable15%
```

This will show the text:

which indicates that this is "Not a Variable" yet. (Please note in newer Tiki versions it shows "No value assigned" instead.) If you pass the mouse pointer over it, if will say "Click to edit dynamic variable: variable15" as follows:

NaV

(2) C Click to edit dynamic variable: variable15

(2) Click on the link

```
NaV                          UPDATE VARIABLES
```

Then you can add the content for that dynamic variable. Click on the update variable link, and you are done.

1.1.2. Limitations

If you create a variable containing some code which produces something "invisible", you cannot edit it later then because there's nothing to click and no admin GUI to administer them later. If you want to edit those dynamic variables, you will have to edit them directly in the database table **tiki_dynamic_variables** where they are stored.

1.1.3. Examples

Example 1

Example:
You might use dynamic variable to clear the specification to float images over the text through a div plugin call, and without allowing users to write html code on wiki pages.

You can create a new variable called:

```
%clear%
```

Then add this as content:

```
<br class="clear" />
```

This way, you can just write %clear% after each paragraph where you want to ensure that the previous image doesn't overlap with the following headings, etc.

For example:

In the following example "*2.1. First section 2.2 Second section 2.3. Third section*" please do not mind the pictures, but mind the position of the text above and besides the pictures:

1.1.3.1. First section

Packages ❓

External packages installation and management

Packages Installed   Install Other Packages   Packages Bundled   Diagnose   No Tabs

Diagnose Composer Installation Use the button below to test your composer installation.

Diagnose Composer

Results

Composer: Composer not found

This paragraph shows nothing more than a short paragraph, without the %clear% dynamic variable being used at the end, so that the next section overlaps.

1.1.3.2. Second section

Packages ❓

External packages installation and management

Packages Installed   Install Other Packages   Packages Bundled   Diagnose   No Tabs

Diagnose Composer Installation Use the button below to test your composer installation.

Diagnose Composer

Results

Composer: Composer not found

This paragraph shows nothing more than a short paragraph overlapped to the left space from the previous floating image. However, after this paragraph we have added the %clear% dynamic variable, so that the next section don't overlap.

1.1.3.3. Third section

Packages ❓

External packages installation and management

Packages Installed   Install Other Packages   Packages Bundled   Diagnose

Diagnose Composer Installation Use the button below to test your composer installation.

Diagnose Composer

Results

Composer: Composer not found

This paragraph shows nothing more than a short paragraph, which is not overlapped to the remaining space to the right of the previous floating image, because the %clear% dynamic variable was used above it.

This variable will be "invisible" on the actual wiki page.
So, if you want to edit the content of this variable afterwards, you need to edit it directly at the MySQL table **tiki_dynamic_variables**.

Example 2

You can create "custom syntax", e.g. for the "big" HTML tag:

    %big_begin%This is Big%big_end%

Result:

Example 3

Similarly for the "small" HTML tag:

    %sm_begin%This is small%sm_end%

Result:
This is small

1.1.4. Usage notes

1. Only lowercase letters, numbers and underscores appear to work in variable names

    %Test1% Does not work %Test 1% Does not work %test% Works %test 1% Does not work

%Test_1% Does not work %Test% Does not work %test1% Works %test_variable% Works

2. Some wiki syntax works within the variable content (like ((wiki links))) and some does not (like %%% embedded newlines)

3. Some html content works

like <br /> for newlines

4. Here is a sample SQL UPDATE script for a dynamic variable that contains wiki links:

UPDATE tiki_dynamic_variables SET data = "
<h3>Links</h3>
((Perl Arrays))
((Perl Variables))
" WHERE name = "perl_wiki_links"

Some Dynamic Variables Used on This Site

In the following table you can right click and "Inspect" element to see the actual rendered code:

Variable Name	Value	Actual Variable as rendered
%big_begin%	`<big>`	
%big_end%	`</big>`	
%clear%	`<br class="clear" />`	
%sm_begin%	`<small>`	
%sm_end%	`</small>`	
%userguide%	`&structure=Tiki+User+Guide`	
%variable14%	`Hello Tiki! Testing 3 2 1!`	strong

Unable to load the jQuery Sortable Tables feature.

Show a list

- PluginDynamicVariables

Related

- Wiki Argument Variables