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TWiki Variables

Special text strings expand on the fly to display user data or system info

TWikiVariables are text strings - %VARIABLE% or %VARIABLE{ parameter="value" }% - that expand into content whenever a topic is rendered for viewing. There are two types of variables:

1. Preferences variables: Can be defined and changed by the user
2. Predefined variables: Defined by the TWiki system or by plugins (for example, the SpreadSheetPlugin introduces a %CALC{ }% variable)

Using Variables

To use a variable type its name. For example,

- type %T% to get  (a preferences variable)
- type %TOPIC% to get TWikiVariables (a predefined variable)
- type %CALC{ "\$UPPER(Text)" }% to get TEXT (a variable defined by a plugin)

Note:

- To leave a variable unexpanded, precede it with an exclamation point, e.g. type !%TOPIC% to get %TOPIC%
- Variables are expanded relative to the topic they are *used* in, not the topic they are *defined* in
- Type %ALLVARIABLES% to get a full listing of all variables defined for a particular topic

Variable Names

Variable names must start with a letter. The following characters can be letters, numbers and the underscore '_'. You can use both upper-case and lower-case letters and you can mix the characters. E.g. %MYVAR%, %MyVar%, %My2ndVar%, and %My_Var% are all valid variable names. Variables are case sensitive. %MyVAR% and %MYVAR% are not the same variable.

By convention all settings, predefined variables and variables used by plugins are always UPPER-CASE.

Preferences Variables

Unlike predefined variables, preferences variables can be defined by the user in various places.

Setting Preferences Variables

You can set variables in all the following places:

1. system level in TWiki.TWikiPreferences
2. plugin topics (see TWikiPlugins)
3. local site level in Main.TWikiPreferences
4. user level in individual user topics in Main web
5. web level in WebPreferences of each web
6. topic level in topics in webs
7. session variables (if sessions are enabled)

Settings at higher-numbered levels override settings of the same variable at lower numbered levels, unless the variable was included in the setting of FINALPREFERENCES at a lower-numbered level, in which case it is locked at the value it has at that level.

If you are setting a variable and using it in the same topic, note that TWiki reads all the variable settings from the saved version of the topic before it displays anything. This means you can use a variable anywhere in the topic, even if you set it somewhere inconspicuous near the end. **But beware:** it also means that if you change the setting of a variable you are using in the same topic, **preview** will show the wrong thing, and you must **save** the topic to see it correctly.

The syntax for setting variables is the same anywhere in TWiki (on its own TWiki bullet line, including nested bullets):

```
[multiple of 3 spaces] * [space] Set [space] VARIABLENAME [space] =
[space] value
```

Examples:

```
* Set VARIABLENAME1 = value
* Set VARIABLENAME2 = value
```

Spaces between the = sign and the value will be ignored. You can split a value over several lines by indenting following lines with spaces - as long as you don't try to use * as the first character on the following line.

Example:

```
* Set VARIABLENAME = value starts here
and continues here
```

Whatever you include in your variable will be expanded on display, exactly as if it had been entered directly.

Example: Create a custom logo variable

- To place a logo anywhere in a web by typing %**MYLOGO**%, define the Variable on the web's WebPreferences topic, and upload a logo file, ex: mylogo.gif. You can upload by attaching the file to WebPreferences, or, to avoid clutter, to any other topic in the same web, e.g. LogoTopic. Sample variable setting in WebPreferences:

```
* Set MYLOGO = %PUBURL%/%WEB%/LogoTopic/mylogo.gif
```

You can also set preferences variables on a topic by clicking the link **Edit topic preference settings under More topic actions**. Use the same * Set VARIABLENAME = value syntax. Preferences set in this manner are not visible in the topic text, but take effect nevertheless.

Parameterized Variables (Macros)

It is possible to pass parameters to TWiki variables. This is called a macro in a programming language.

To define a parameterized variable, set a variable that contains other variables, such as:

```
* Set EXAMPLE = Example variable using %DEFAULT%, %PARAM1% and %PARAM2%
* Set DEMO = Demo using %DEFAULT{ default="(undefined)" }%,
              %PARAM1{ default="(undefined)" }% and %PARAM2{ default="(undefined)" }%
```

A special %DEFAULT% variable denotes the default (nameless) parameter of the calling variable. Variables optionally may list a default="..." parameter that gets used in case the calling variable does not specify

that parameter.

To use a parameterized variable (or call a macro), add parameters within the curly brackets, such as:

```
* %EXAMPLE{ "foo" PARAM1="bar" PARAM2="baz" }%
* %DEMO{ "demo" PARAM2="parameter 2" }% -- note that PARAM1 is missing
```

which resolves to:

- Example variable using foo, bar and baz
- Demo using demo, (undefined) and parameter 2 -- note that PARAM1 is missing

Parameters in the variable definition are expanded using the following sequence:

1. Parameter from variable call. In above example, %PARAM1% gets expanded to bar.
2. Session variable and preferences settings

Example

Define variables:

```
* Set DRINK = red wine
* Set FAVORITE = My %DEFAULT{default="favorite"}% dish is %DISH{default="steak"}%,
my %DEFAULT{default="favorite"}% drink is %DRINK%.
```

 The default can be defined with a default parameter (%DISH{default="steak"}%), or as a preferences setting (Set DRINK = ...).

Use Variables:

```
%FAVORITE{ DISH="Sushi" DRINK="Sake" }%
```

Returns:

My favorite dish is Sushi, my favorite drink is Sake.

```
%FAVORITE{ }%
```

Returns:

My favorite dish is steak, my favorite drink is red wine.

```
%FAVORITE{ "preferred" }%
```

Returns:

My preferred dish is steak, my preferred drink is red wine.

Access Control Variables

These are special types of preferences variables to control access to content. TWikiAccessControl explains these security settings in detail.

Local values for variables

Certain topics (a users home topic, web site and default preferences topics) have a problem; variables defined in those topics can have two meanings. For example, consider a user topic. A user may want to use a double-height edit box when they are editing their home topic - but **only** when editing their home topic. The

rest of the time, they want to have a normal edit box. This separation is achieved using `Local` in place of `Set` in the variable definition. For example, if the user sets the following in their home topic:

```
* Set EDITBOXHEIGHT = 10
* Local EDITBOXHEIGHT = 20
```

Then when they are editing any other topic, they will get a 10 high edit box. However when they are editing their home topic, they will get a 20 high edit box. `Local` can be used wherever a preference needs to take a different value depending on where the current operation is being performed.

Use this powerful feature with great care! `%ALLVARIABLES%` can be used to get a listing of the values of all variables in their evaluation order, so you can see variable scope if you get confused.

Frequently Used Preferences Variables

The following preferences variables are frequently used. They are defined in `TWikiPreferences#Miscellaneous_Settings`:

- `%BB%` - line break and bullet combined
- `%BB2%` - level 2 bullet with line break
- `%BB3%` - level 3 bullet with line break
- `%BB4%` - level 4 bullet with line break
- `%BR%` - line break
- `%BULLET%` - bullet sign
- `%CARET%` - caret symbol
- `%VBAR%` - vertical bar
- `%H%` -  Help icon
- `%I%` -  Idea icon
- `%M%` -  Moved to icon
- `%N%` -  New icon
- `%P%` -  Refactor icon
- `%Q%` -  Question icon
- `%S%` -  Pick icon
- `%T%` -  Tip icon
- `%U%` -  Updated icon
- `%X%` -  Alert icon
- `%Y%` -  Done icon
- `%RED%` `text %ENDCOLOR%` - colored text (also `%YELLOW%`, `%ORANGE%`, `%PINK%`, `%PURPLE%`, `%TEAL%`, `%NAVY%`, `%BLUE%`, `%AQUA%`, `%LIME%`, `%GREEN%`, `%OLIVE%`, `%MAROON%`, `%BROWN%`, `%BLACK%`, `%GRAY%`, `%SILVER%`, `%WHITE%`)
- `%REDBG%` `text %ENDBG%` - colored background (also `%YELLOWBG%`, `%ORANGEBG%`, `%PINKBG%`, `%PURPLEBG%`, `%TEALBG%`, `%NAVYBG%`, `%BLUEBG%`, `%AQUABG%`, `%LIMEBG%`, `%GREENBG%`, `%OLIVEBG%`, `%MAROONBG%`, `%BROWNBG%`, `%BLACKBG%`, `%GRAYBG%`, `%SILVERBG%`, `%WHITEBG%`)

There are additional useful preferences variables defined in `TWikiPreferences`, in `Main.TWikiPreferences`, and in `WebPreferences` of every web.

Predefined Variables

Most predefined variables return values that were either set in the configuration when TWiki was installed, or taken from server info (such as current username, or date and time). Some, like `%SEARCH%`, are powerful and

general tools.

- **⚠** Predefined variables can be overridden by preferences variables (except TOPIC and WEB)
- **⚠** Plugins may extend the set of predefined variables (see individual plugin topics for details)
- **💡 Take the time to thoroughly read through ALL preference variables.** If you actively configure your site, review variables periodically. They cover a wide range of functions, and it can be easy to miss the one perfect variable for something you have in mind. For example, see %INCLUDINGTOPIC%, %INCLUDE%, and the mighty %SEARCH%.

Search predefined variables

List of all predefined variables

This TWiki: - TWiki-6.0.0, Mon, 14 Oct 2013, build 26523

ACTIVATEDPLUGINS -- list of currently activated plugins

- Syntax: %ACTIVATEDPLUGINS%
- Expands to: SpreadSheetPlugin, BackupRestorePlugin, ColorPickerPlugin, CommentPlugin, DatepickerPlugin, EditTablePlugin, ExplicitNumberingPlugin, GoogleAnalyticsPlugin, HeadlinesPlugin, InterwikiPlugin, JQueryPlugin, PreferencesPlugin, RenderListPlugin, SetGetPlugin, SlideShowPlugin, SmiliesPlugin, TablePlugin, TagMePlugin, TwistyPlugin
- Related: PLUGINDESCRIPTIONS, FAILEDPLUGINS, PLUGINVERSION, TWikiPlugins, InstalledPlugins

ADDTOHEAD -- add HTML to the HTML head section of the current page

- Useful for TWiki applications to add custom CSS or JavaScript to the HTML head section of a topic. Supplied TWiki variables will be expanded. %ADDTOHEAD { }% expands in-place to an empty string, unless there is an error in which case the variable expands to an error string.
- Syntax: %ADDTOHEAD{ "... " text="..." }%
- Supported parameters:

Parameter:	Description:	Comment:
"..."	ID of the head block, such as "MY_CSS"	Optional but recommended
text="..."	HTML text to add to the head section	Mutually exclusive with topic=""
topic="Web.TopicName"	Name of topic that contains the full HTML text to add to the head section, such as topic="Main.MyCssTopic"	Mutually exclusive with text=""
requires="..., ..."	Comma-separated list of other IDs this one depends on	Optional

- Example: %ADDTOHEAD{ "MYBOX_CSS" text="<style type=\"text/css\"> .myBox { height: 22px; background-color: #AFB3C5; } </style>" }%

ALLVARIABLES -- list of currently defined TWikiVariables

- Syntax: %ALLVARIABLES%
- Expands to: a table showing all defined TWikiVariables in the current context

AQUA -- start aqua colored text

- AQUA is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %AQUA% aqua text %ENDCOLOR%
- Expands to: aqua text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

ATTACHURL -- full URL for attachments in the current topic

- Syntax: %ATTACHURL%
- Expands to: <https://wiki.italiangrid.it/twiki/pub/TWiki/VarATTACHURL>
- Example: If you attach a file you can refer to it as %ATTACHURL%/image.gif
- Related: ATTACHURLPATH, PUBURL, PUBURLPATH, SCRIPTURL, SCRIPTURLPATH, FileAttachments

ATTACHURLPATH -- path of the attachment URL of the current topic

- Syntax: %ATTACHURLPATH%
- Expands to: /twiki/pub/TWiki/VarATTACHURLPATH
- Related: ATTACHURL, PUBURL, PUBURLPATH, SCRIPTURL, SCRIPTURLPATH, FileAttachments

AUTHREALM -- authentication realm

- String defined as {AuthRealm} in configure. This is used in certain password encodings, and in login templates as part of the login prompt.
- Syntax: %AUTHREALM%
- Expands to: Enter your LoginName. (Typically First name and last name, no space, no dots, capitalized, e.g. JohnSmith, unless you chose otherwise). Visit TWikiRegistration if you do not have one.
- Related: TWikiUserAuthentication, SESSIONID, SESSIONVAR, LOGIN, LOGOUT, SESSION_VARIABLE

BASETOPIC -- base topic where an INCLUDE started

- The name of the topic where a single or nested INCLUDE started - same as %TOPIC% if there is no INCLUDE
- Syntax: %BASETOPIC%
- Related: BASEWEB, INCLUDINGTOPIC, INCLUDE, TOPIC

BASEWEB -- base web where an INCLUDE started

- The web name where the includes started, e.g. the web of the first topic of nested includes. Same as %WEB% in case there is no include.
- Syntax: %BASEWEB%
- Syntax: %BASEWEB{format="..."}% -- see WEB for format documentation
- Related: BASETOPIC, INCLUDINGWEB, INCLUDE, WEB

BB -- bullet with line break

- Line break and bullet without indentation.
- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %BB%
- Expands to:
 -
- Related: BB2, BB3, BB4, BR, BULLET, CARET, VBAR, TWikiPreferences rendering shortcuts

BB2 -- level 2 bullet with line break

- Line break and bullet, level 2.
- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %BB2%
- Expands to:
 -
- Related: BB, BB3, BB4, BR, BULLET, CARET, VBAR, TWikiPreferences rendering shortcuts

BB3 -- level 3 bullet with line break

- Line break and bullet, level 3.
- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %BB3%
- Expands to:
 -
- Related: BB, BB2, BB4, BR, BULLET, CARET, VBAR, TWikiPreferences rendering shortcuts

BB4 -- level 4 bullet with line break

- Line break and bullet, level 4.
- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %BB4%
- Expands to:
 -
- Related: BB, BB2, BB3, BR, BULLET, CARET, VBAR, TWikiPreferences rendering shortcuts

BLACK -- start black colored text

- BLACK is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.

- Syntax: %BLACK% black text %ENDCOLOR%
- Expands to: black text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

BLUE -- start blue colored text

- BLUE is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %BLUE% blue text %ENDCOLOR%
- Expands to: blue text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

BR -- line break

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %BR%
- Expands to:
- Related: BB, BB2, BB3, BB4, BULLET, CARET, VBAR, TWikiPreferences rendering shortcuts

BROWN -- start brown colored text

- BROWN is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %BROWN% brown text %ENDCOLOR%
- Expands to: brown text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

BULLET -- bullet sign

- Bullet sign, useful to create a bullet list in a TWiki table, such as | %BULLET% One %BB% Two %BB% Three |
- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %BULLET%
- Expands to: •
- Related: BB, BB2, BB3, BB4, BR, CARET, VBAR, TWikiPreferences rendering shortcuts

CALC{"formula"} -- add spreadsheet calculations to tables and outside tables

- The %CALC{"formula"}% variable is handled by the SpreadSheetPlugin. There are around 80 formulae, such as \$ABS(), \$EXACT(), \$EXISTS(), \$GET() / \$SET(), \$IF(), \$LOG(), \$LOWER(), \$PERCENTILE(), \$TIME(), \$VALUE().
- Syntax: %CALC{"formula"}%
- Examples:
 - ◆ %CALC{"\$SUM(\$ABOVE())"}% returns the sum of all cells above the current cell
 - ◆ %CALC{"\$EXISTS(Web.SomeTopic)"}% returns 1 if the topic exists
 - ◆ %CALC{"\$UPPER(Collaboration)"}% returns COLLABORATION
- Related: IF, IfStatements, SpreadSheetPlugin

CARET -- caret symbol

- The caret variable can be used in TWiki tables.
- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %CARET%
- Expands to: ^
- Related: BB, BB2, BB3, BB4, BR, BULLET, VBAR, TWikiPreferences rendering shortcuts

COMMENT{ attributes } -- insert an edit box into the topic to easily add comments.

- A %COMMENT% without parameters shows a simple text box.
- A %COMMENT{}% can handle the following parameters:

Parameter	Description	Default
type	This is the name of the template to use for this comment. Comment templates are defined in a TWiki template - see customization. If this attribute is not defined, the type is whatever is defined by COMMENTPLUGIN_DEFAULT_TYPE, either in this topic or in your WebPreferences.	"below"
default	Default text to put into the textarea of the prompt.	
target	Name of the topic to add the comment to	the current topic
location	Regular expression specifying the comment location in the target topic. Read <i>carefully</i> the CommentPlugin documentation!	
mode	For compatibility with older versions only, synonymous with type	
nonotify	Set to "on" to disable change notification for target topics	"off"
noform	Set to "on" to disable the automatic form that encloses your comment block - <i>remember</i> to insert <form> tags yourself! See CommentPluginExamples#noform for an example.	"off"
nopost	Set to "on" to disable insertion of the posted text into the topic.	"off"
remove	Set to "on" to remove the comment prompt after the first time it is clicked.	"off"
button	Button label text	"Add comment"

- See CommentPlugin for more information
- Related: HIDE, TWikiForms

DATE -- signature format date

- Syntax: %DATE%
- Expands to: 2024-03-29
- Date format defined as {DefaultDateFormat} in configure, default \$year-\$mo-\$day
- **⚠ Note:** When used in a template topic, this variable will be expanded when the template is used to create a new topic. See TWikiTemplates#TemplateTopicsVars for details.
- Related: DISPLAYTIME, GMTIME{"format"}, SERVERTIME

DISPLAYTIME -- display date and time

- Syntax: %DISPLAYTIME%
- Expands to: 2024-03-29 - 07:25
- Date part of the format is displayed as defined by the {DefaultDateFormat} in configure, default \$year-\$mo-\$day. The time is shown as hh:mm (24 hour clock)
- Related: DISPLAYTIME{"format"}, GMTIME, SERVERTIME

DISPLAYTIME{"format"} -- formatted display time

- Formatted time - either GMT or Local server time, depending on {DisplayTimeValues} setting in configure, default \$year-\$mo-\$day. Same format qualifiers as %GMTIME%
- Syntax: %DISPLAYTIME{"format"}%
- Supported variables: \$seconds, \$minutes, \$hours, \$day, \$wday, \$dow, \$month, \$mo, \$year, \$ye, \$tz, \$iso, \$rcs, \$http, \$epoch
- Example: %DISPLAYTIME{"\$hou:\$min"}% expands to 07:25
- Related: DISPLAYTIME, GMTIME, SERVERTIME

EDITACTION -- Selects an edit template

- EDITACTION defined in a topic or preference setting will define the use of an editaction template instead of the standard edit. If EDITACTION is defined as text, then hide the form. If EDITACTION is defined as form hide the normal text area and only edit the form.
- Syntax: Set EDITACTION = text|form
- Expands to: %EDITACTION%
- Related: TWikiScripts#edit
- **⚠** When EDITACTION is defined as text or form the Edit and Edit Raw buttons simply add ;action=text or ;action=form to the URL for the edit script. If you have defined EDITACTION in a topic setting or preference setting you can still edit the topic content or the form by removing the ;action=form or ;action=text from the edit URL in the browser and reload.

EDITTABLE{ attributes } -- edit TWiki tables using edit fields and other input fields

- The %EDITTABLE{}% variable is handled by the EditTablePlugin
- Syntax: %EDITTABLE{ attributes }%
- Supported attributes:

Attribute	Comment
header	

	Specify the header format of a new table like " *Food* *Drink* ". Useful to start a table with only a button
format	<p>The format of one column when editing the table. A cell can be a text input field, or any of these edit field types:</p> <ul style="list-style-type: none"> • Text input field (1 line): <pre> text, <size>, <initial value> </pre> • Textarea input field: <pre> textarea, <rows>x<columns>, <initial value> </pre> • Drop down box: <pre> select, <size>, <option 1>, <option 2>, etc* </pre> <p>* only one item can be selected</p> • Radio buttons: <pre> radio, <size*>, <option 1>, <option 2>, etc </pre> <p>* size indicates the number of buttons per line in edit mode</p> • Checkboxes: <pre> checkbox, <size*>, <option 1>, <option 2>, etc </pre> <p>* size indicates the number of checkboxes per line in edit mode</p> • Fixed label: <pre> label, 0, <label text> </pre> • Row number: <pre> row, <offset> </pre> • Date: <pre> date, <size>, <initial value>, <DHTML date format*> </pre> <p>* see Date Field Type</p>
changerows	<p>Rows can be added and removed if "on"</p> <p>Rows can be added but not removed if "add"</p> <p>Rows cannot be added or removed if "off"</p>
quietsave	Quiet Save button is shown if "on", hidden if "off"
include	Other topic defining the EDITTABLE parameters. The first %EDITTABLE% in the topic is used. This is useful if you have many topics with the same table format and you want to update the format in one place.
helptopic	Topic name containing help text shown below the table when editing a table. The %STARTINCLUDE% and %STOPINCLUDE% variables can be used in the topic to specify what is shown.
headerislabel	Table header cells are read-only (labels) if "on"; header cells can be edited if "off" or "0"
editbutton	Set edit button text, e.g. "Edit this table"; set button image with alt text, e.g. "Edit table, %PUBURL%/%SYSTEMWEB%/TWikiDocGraphics/edittopic.gif"; hide edit button at the end of the table with "hide" (Note: Button is automatically hidden if an edit button is present in a cell)
buttonrow	Set to top to put the edit buttons above the table.
javascriptinterface	Use javascript to directly move and delete row without page refresh. Enable with "on", disable with "off".

- Example:

```
%EDITTABLE{ format="| text, 20 | select, 1, one, two, three |
  changerows="on" }%
| *Name* | *Type* |
| Foo | two |
```

- Related: See EditTablePlugin for more details

ENCODE{"string"} -- encodes a string to HTML entities

- Encode "special" characters to HTML numeric entities. Encoded characters are:
 - all non-printable ASCII characters below space, except newline ("\n") and linefeed ("\r")
 - HTML special characters "<", ">", "&", single quote ('') and double quote ("")
 - TWiki special characters "%", "[", "]" ", "@", "_", "*", "=" and "|"
- Syntax: %ENCODE{ "string" }%
- Supported parameters:

Parameter:	Description:	Default:
"string"	String to encode	required (can be empty)
type="url"	Encode special characters for URL parameter use, like a double quote into %22	(this is the default)
type="quotes"	Escape double quotes with backslashes (\), does not change other characters. This type does not protect against cross-site scripting.	type="url"
type="moderate"	Encode special characters into HTML entities for moderate cross-site scripting protection: "<", ">", single quote ('') and double quote ("") are encoded. Useful to allow TWiki variables in comment boxes.	type="url"
type="safe"	Encode special characters into HTML entities for cross-site scripting protection: "<", ">", "%", single quote ('') and double quote ("") are encoded.	type="url"
type="entity"	Encode special characters into HTML entities, like a double quote into ". Does not encode newline (\n) or linefeed (\r).	type="url"
type="html"	Encode special characters into HTML entities. In addition to type="entity", it also encodes space, \n and \r. Useful to encode text properly in HTML input fields.	type="url"

- Example: %ENCODE{ "spaced name" }% expands to spaced%20name
- Notes:**
 - Values of HTML input fields should be encoded as "html".
Example: <input type="text" name="address" value="%ENCODE{ "any text" type="html" }%" />
 - Double quotes in strings must be escaped when passed into other TWiki variables.
Example: %SEARCH{ "%ENCODE{ "string with \"quotes\"" type="quotes" }%" noheader="on" }%
 - Use type="moderate", type="safe" or type="entity" to protect user input from URL parameters and external sources against cross-site scripting (XSS). type="entity" is the safest mode, but some TWiki applications might not work. type="safe" provides a safe middle ground, type="moderate" provides only moderate cross-site scripting protection.
- Related: FORMFIELD, QUERYPARAMS, URLPARAM

ENDBG -- end background color section

- ENDBG is a rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of background colors.
- Syntax: %REDBG% red background %ENDBG%
- Expands to:
red background

- **Note:** %<color>BG% section must end with %ENDBG%. If you want to switch from one background color to another one you first need to end the active background color with %ENDBG%, such as %REDBG% some text %ENDBG% %GREENBG% more text %ENDBG%.
- Related: VarENDCOLOR, VarREDBG, TWikiPreferences rendering shortcuts, StandardColors

ENDCOLOR -- end colored text

- ENDCOLOR is a rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %RED% red text %ENDCOLOR%
- Expands to: red text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: VarENDBG, VarAQUA, VarBLACK, VarBLUE, VarBROWN, VarGRAY, VarGREEN, VarLIME, VarMAROON, VarNAVY, VarOLIVE, VarORANGE, VarPINK, VarPURPLE, VarRED, VarSILVER, VarTEAL, VarWHITE, VarYELLOW, TWikiPreferences rendering shortcuts, StandardColors

ENDSECTION{"name"} -- marks the end of a named section within a topic

- Syntax: %ENDSECTION{ "name" } %
- Syntax: %ENDSECTION{type="include" } %
- Syntax: %ENDSECTION{type="templateonly" } %
- Syntax: %ENDSECTION{type="expandvariables" } %
- Supported parameter:

Parameter:	Description:
"name"	Name of the section.
type="..."	Type of the section being terminated; supported types "section", "include", "templateonly", "expandvariables"

- If the STARTSECTION is named, the corresponding ENDSECTION must also be named with the same name. If the STARTSECTION specifies a type, then the corresponding ENDSECTION must also specify the same type. If the section is unnamed, ENDSECTION will match with the nearest unnamed %STARTSECTION% **of the same type** above it.
- Related: ENDSECTION, INCLUDE, STARTINCLUDE, STARTSECTION, STOPINCLUDE

ENV{"varname"} -- inspect the value of an environment variable

- Returns the current value of the environment variable in the CGI (Common Gateway Interface) environment. This is the environment that the TWiki scripts run in on the web server.
- **Note:** For security reasons, only those variables whose names match the regular expression in {AccessibleENV} in the **Security Settings/Miscellaneous** section of configure can be displayed. Any other variable will just be shown as an empty string, irrespective of its real value.
- Example: %ENV{MOD_PERL}% displays as: not set
- If a variable is undefined (as against being set to the empty string) it will be returned as not set.
- Related: HTTP_HOST, REMOTE_ADDR, REMOTE_PORT, REMOTE_USER

EXAMPLEVAR -- example variable

- The %EXAMPLEVAR{ }% variable is handled by the EmptyPlugin
- Syntax: %EXAMPLEVAR{ "text" format="..." }%
- Parameter `text="..."` - example text.
- Parameter `format="..."` - format of report.
- Example: %EXAMPLEVAR{ "hello" format="| \$topic: \$summary |" }%
- Related: EmptyPlugin

FAILEDPLUGINS -- debugging for plugins that failed to load, and handler list

- Syntax: %FAILEDPLUGINS%
- Expands to: See TWikiPlugins#FAILEDPLUGINS
- Related: PLUGINDESCRIPTIONS, ACTIVATEDPLUGINS, PLUGINVERSION, TWikiPlugins, InstalledPlugins

FORMFIELD{"fieldname"} -- renders a field in the form attached to some topic

- Syntax: %FORMFIELD{ "fieldname" }%
- Supported parameters:

Parameter:	Description:	Default:
"fieldname"	The name of a TWiki form field	required
topic="..."	Topic where form data is located. May be of the form Web.TopicName	Current topic
format="..."	Format string. Variable \$value expands to the field value, \$title to the raw field name, \$name to the field name, \$attributes to the attributes, \$type to the form field type, \$size to the size, and \$definingTopic to the form definition topic.	"\$value"
default="..."	Text shown when no value is defined for the field	""
alttext="..."	Text shown when field is not found in the form	""
newline="\$br"	Convert newlines in textarea to other delimiters. Variable \$br expands to tag, and \$n to a newline. Other text is encoded based on encode parameter.	no conversion
encode="html"	Encode special characters into HTML entities. If a FORMFIELD is passed into an HTML form field it should be encoded as "html". Additional encodings available: encode="quote", encode="moderate", encode="safe", encode="entity" and encode="url". See ENCODE for details.	"" (no encoding)

- Example: %FORMFIELD{ "ProjectName" topic="Projects.SushiProject" default="(not set)" alttext="ProjectName field not found" }%
- Example: <input type="text" name="Address" value="%FORMFIELD{ "Address" encode="html" }%" />
- Related: ENCODE, METASEARCH, SEARCH, FormattedSearch, QuerySearch, SearchHelp

GET{"name"} -- get a variable

- Get the value of a named variable, previously set with %SET{ }%. The %SET{ }% and %GET{ }% variables are handled by the SetGetPlugin.
 - Syntax: %GET{ "name" default="..." }%
 - Supported attributes:
- | Attribute | Comment | Default |
|---------------|--------------------------------------|-------------------|
| "name" | Name of variable. | (required) |
| default="..." | Text shown if variable is not found. | "" (empty string) |
- Example: %GET{ "lunch" }% returns Sushi if the following has been previously set:
%SET{ "lunch" value="Sushi" default="undecided" }% - see more examples
 - Related: IF, SET, SetGetPlugin, SpreadSheetPlugin#FuncGET

GMTIME -- GM time

- Syntax: %GMTIME%
- Expands to: 2024-03-29 - 07:25
- Date format defined as {DefaultDateFormat} in configure, default \$year-\$mo-\$day
- Note:** When used in a template topic, this variable will be expanded when the template is used to create a new topic. See TWikiTemplates#TemplateTopicsVars for details.
- Related: DISPLAYTIME, GMTIME{"format"}, SERVERTIME

GMTIME{"format"} -- formatted GM time

- Syntax: %GMTIME{ "format" }%
- Supported variables:

Variable:	Unit:	Example
\$seconds	seconds	59
\$minutes	minutes	59
\$hours	hours	23
\$day	day of month	31
\$wday	day of the Week (Sun, Mon, Tue, Wed, Thu, Fri, Sat)	Thu
\$dow	day of the week (Sun = 0)	2
\$week	number of week in year (ISO 8601)	34
\$month	short name of month	Dec
\$mo	2 digit month	12
\$year	4 digit year	1999
\$ye	2 digit year	99
\$tz	either "GMT" (if set to gmtime), or offset such as "-0700" (if set to servertime)	GMT
\$iso	ISO format timestamp	2024-03-29T07:25:31Z
\$rcs	RCS format timestamp	2024/03/29 07:25:31
\$http	E-mail & http format timestamp	Fri, 29 Mar 2024 07:25:31 GMT
\$epoch	Number of seconds since 00:00 on 1st January, 1970	1711697131

- Variables can be shortened to 3 characters
- Example: %GMTIME{ "\$day \$month, \$year - \$hour:\$min:\$sec" }% expands to 29 Mar, 2024 - 07:25:31
- Note:** When used in a template topic, this variable will be expanded when the template is used to create a new topic. See TWikiTemplates#TemplateTopicsVars for details.
- Related: DISPLAYTIME, GMTIME, REVINFO, SERVERTIME

GRAY -- start gray colored text

- GRAY is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %GRAY% gray text %ENDCOLOR%
- Expands to: gray text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

GREEN -- start green colored text

- GREEN is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %GREEN% green text %ENDCOLOR%
- Expands to: green text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

GROUPS -- a formatted list of groups

- Expands to a formatted list of user groups in your TWiki.
- Syntax: %GROUPS%
- The variable is intended to be used in TWikiGroups, to allow a group listing for various user mapping managers.
- Related: REMOTE_USER, USERINFO, USERNAME, WIKIUSERNAME, WIKIUSERSTOPIC

H -- help icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %H%
- Expands to: 
- Related: I, ICON, M, N, P, Q, S, T, U, X, Y, TWikiDocGraphics

HEADLINES{"url"} -- show RSS and ATOM feeds in TWiki pages

- The %HEADLINES {"url"}% variable is handled by the HeadlinesPlugin.
- Syntax: %HEADLINES{ "http://..." }%
- Parameters: (all but the first one are optional)

"..."	Source of RSS or ATOM feed; this can be a URL (starting with http) or a web.topic location for internal feeds
refresh="60"	Refresh rate in minutes for caching feed; "0" for no caching
limit="12"	Maximum number of items shown
header="..."	Header. May include these variables: - \$channeltitle, \$title: title of channel (channel.title) - \$channellink, \$link: link of channel (channel.link)

	<ul style="list-style-type: none"> - \$channeldescription, \$description: description (channel.description) - \$channeldate, \$date: publication date of the channel (channel.pubDate) - \$rights: copyrights of the channel (channel.copyright) - \$imagetitle: title text for site (image.title) - \$imagelink: link for site (image.link) - \$imageurl: URL of image (image.url) - \$imagedescription: description of image (image.description)
format="..."	<p>Format of one item. May include these variables:</p> <ul style="list-style-type: none"> - \$title: news item title (item.title) - \$link: news item link (item.link) - \$description: news item description (item.description) - \$date: the publication date (item.pubDate, item.date) - \$category: the article category (item.category)

Details

- Example: %HEADLINES{ "http://slashdot.org/slashdot.rdf" header="*[\$link][\$title]:*\$description" format="\$t* [[\$link][\$title]]" limit="4" }% shows the latest Slashdot news in bullet list format
- Related: HeadlinesPlugin

HIDE -- hide content in topic view

- Text inside the HIDE is removed when viewing the topic. This can be used to remove large amounts of text from being sent to the browser, such as the user list in Main.TWikiUsers if there are many thousands of users.
- Syntax: %HIDE{ any text }%
- Expands to: (empty string)
- Notes:
 - ◆ Using HIDE is not a replacement for access control, because edit and raw view still show the content.
 - ◆ Variables inside HIDE still get expanded because variables execute inside out, e.g. you can't use it to speed up slow variables.
 - ◆ <!-- HTML comments --> also hide content from the user, but unlike HIDE, HTML comments are sent to the browser.
- Related: NOP, STARTINCLUDE

HOMETOPIC -- home topic in each web

- Syntax: %HOMETOPIC%
- Expands to: WebHome, renders as WebHome
- Related: NOTIFYTOPIC, STATISTICSTOPIC, TOPIC

HTTP -- get HTTP headers

- Called with the name of an HTTP header field, returns its value. Capitalization and the use of hyphens versus underscores are not significant.
- Syntax: %HTTP%
- Syntax: %HTTP{ "Header-name" }%
- Examples:

%HTTP%	
--------	--

%HTTP { "Accept-language" } %	
%HTTP { "User-Agent" } %	claudiebot

- **Note:** You can see the HTTP headers your browser sends to the server on a number of sites e.g. <http://www.ericgiguere.com/tools/http-header-viewer.html>
- Related: HTTPS, REMOTE_ADDR, REMOTE_PORT, REMOTE_USER

HTTP_HOST -- environment variable

- Syntax: %HTTP_HOST%
- Expands to: wiki.italiangrid.it
- Related: ENV, REMOTE_ADDR, REMOTE_PORT, REMOTE_USER

HTTPS -- get HTTPS headers

- The same as %HTTP% but operates on the HTTPS environment variables present when the SSL protocol is in effect. Can be used to determine whether SSL is turned on.
- Syntax: %HTTPS%
- Syntax: %HTTPS { "Header-name" } %
- Related: HTTP, REMOTE_ADDR, REMOTE_PORT, REMOTE_USER

I -- idea icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %I%
- Expands to: 
- Related: H, ICON, M, N, P, Q, S, T, U, X, Y, TWikiDocGraphics

ICON{"name"} -- small documentation graphic or icon of common attachment types

- Generates the HTML img tag of a small graphic image attached to TWikiDocGraphics. Images typically have a 16x16 pixel size. You can select a specific image by name, or you can give a full file path or URL, in which case the type of the file will be used to select one of a collection of common file type icons.
- Syntax: %ICON { "name" } %
- Supported parameters:

Parameter:	Description:
"name"	Name of icon
format="..."	Format of icon. Supported variables (with  %ICON { "person" } % example): <ul style="list-style-type: none"> • \$name - name of icon (person) • \$type - type of icon (gif) • \$filename - icon filename (person.gif) • \$web - web where icon is defined (TWiki) • \$topic - topic where icon is defined (TWikiDocGraphics) • \$description - icon description (Person) • \$width - width of icon ('16') • \$height - height of icon ('16') • \$img - full img tag of icon () • \$info - icon tag with usage info in title

	<ul style="list-style-type: none"> • \$url - URL of icon (http://example.com/pub/TWiki/TWikiDocGraphics/person.gif) • \$urlpath - URL path of icon (/pub/TWiki/TWikiDocGraphics/person.gif)
default="else"	Alternate icon if named icon is not defined

- Examples:
 - ◆ %ICON{"flag-gray"}% returns:
 - ◆ %ICON{"pdf"}% returns:
 - ◆ %ICON{"smile.pdf"}% returns:
 - ◆ %ICON{/home/sweet/home.pdf}% returns:
 - ◆ %ICON{"http://twiki.org/doc/xhtml.xsl"}% returns:
 - ◆ %ICON{"bubble"} format="\$description icon is defined in \$web.\$topic" % returns: Speech bubble icon is defined in TWikiDocGraphics

- Graphic samples: arrowbright, bubble, choice-yes, hand
- File type samples: bmp, doc, gif, hlp, html, mp3, pdf, ppt, txt, xls, xml, zip
- Related: ICONURL, ICONURLPATH, TWikiPreferences, FileAttachments, TWikiDocGraphics

ICONURL{"name"} -- URL of small documentation graphic or icon

- Generates the full URL of a TWikiDocGraphics image, which TWiki renders as an image. The related %ICON{"name"}% generates the full HTML img tag. Specify image name or full filename (see ICON for details on filenames.)
- Syntax: %ICONURL{"name"}%
- Examples:
 - ◆ %ICONURL{"arrowbright"}% returns
<https://wiki.italiangrid.it/twiki/pub/TWiki/TWikiDocGraphics/arrowbright.gif>
 - ◆ %ICONURL{"novel.pdf"}% returns
<https://wiki.italiangrid.it/twiki/pub/TWiki/TWikiDocGraphics/pdf.gif>
 - ◆ %ICONURL{/queen/boheme.mp3"}% returns
<https://wiki.italiangrid.it/twiki/pub/TWiki/TWikiDocGraphics/wav.gif>
- Related: ICONURLPATH, ICON, TWikiPreferences, FileAttachments, TWikiDocGraphics

ICONURLPATH{"name"} -- URL path of small documentation graphic or icon

- Generates the URL path of a TWikiDocGraphics image, typically used in an HTML img tag. Specify image name or full filename (see ICON for details on filenames.)
- Syntax: %ICONURLPATH{"name"}%
- Examples:
 - ◆ %ICONURLPATH{"locktopic"}% returns
/twiki/pub/TWiki/TWikiDocGraphics/locktopic.gif
 - ◆ %ICONURLPATH{"eggysmell.xml"}% returns
/twiki/pub/TWiki/TWikiDocGraphics/xml.gif
 - ◆ %ICONURLPATH{/doc/xhtml.xsl"}% returns
/twiki/pub/TWiki/TWikiDocGraphics/xsl.gif
- Related: ICONURL, ICON, TWikiPreferences, FileAttachments, TWikiDocGraphics

IF{"condition" ...} -- simple conditionals

- Evaluate a condition and show one text or another based on the result. See details in IfStatements
- Syntax: %IF{ "CONDITION" then="THEN" else="ELSE" }% shows "THEN" if "CONDITION" evaluates to TRUE, otherwise "ELSE" will be shown
- Example: %IF{ "defined FUNFACTOR" then="FUNFACTOR is defined" else="FUNFACTOR is not defined" }% renders as FUNFACTOR is not defined
- Related: GET, SET, IfStatements, \$IF() of SpreadSheetPlugin, QuerySearch

INCLUDE{"page"} -- include other topic or web page

- Merges the content of a specified page into the current one before rendering.
- Syntax: %INCLUDE{ "page" ... }%
- Supported parameters:

Parameter:	Description:	
"SomeTopic"	The name of a topic located in the current web, i.e. %INCLUDE{ "WebNotify" }%	
"Web.Topic"	A topic in another web, i.e. %INCLUDE{ "TWiki.SiteMap" }%	
"http://..."	A full qualified URL, i.e. %INCLUDE{ "http://twiki.org:80/index.html" }%. Supported content types are text/html and text/plain. 💡 if the URL resolves to an attachment file on the server this will automatically translate to a server-side include.	
pattern="..."	Include a subset of a topic or a web page. Specify a RegularExpression that scans from start ('^') to end and contains the text you want to keep in parenthesis, e.g., pattern="<^.*?(from here.*?to here).*>". IncludeTopicsAndWebPages has more.	none
headingoffset="2"	Adjust the level of headings in the included topic. A "2" or "+2" increases the level by two, e.g. a ---+ H1 turns into a ----- H3. Positive and negative values are supported. Adjusted min and max levels are H1 and H6, respectively.	no adju
hidetoc="on"	Remove %TOC% in included content. Useful to show table of contents in individual topics, while suppressing them if included in a big master document.	TOC_H INCLU
rev="2"	Include a previous topic revision; N/A for URLs	top rev
raw="on"	When a page is included, normally TWiki will process it, doing the following: 1) Alter relative links to point back to originating host, 2) Remove some basic HTML tags (html, head, body, script) and finally 3) Remove newlines from HTML tags spanning multiple lines. If you prefer to include exactly what is in the source of the originating page set this to on. raw="on" is short for disableremoveheaders="on", disableremovescr=ipt="on", disableremovebody="on", disablecompresstags="on" and disablerewriteurls="on".	disabla
literal="on"	While using the raw option will indeed include the raw content, the included content will still be processed and rendered like regular topic content. To disable parsing of the included content, set the literal option to "on".	disabla

<code>disableremoveheaders="on"</code>	Bypass stripping headers from included HTML (everything until first <code></head></code> tag)	disabled
<code>disableremovescritp="on"</code>	Bypass stripping all <code><script></code> tags from included HTML	disabled
<code>disableremovebody="on"</code>	Bypass stripping the <code></body></code> tag and everything around over and below it	disabled
<code>disablecompresstags="on"</code>	Bypass replacing newlines in HTML tags with spaces. This compression step rewrites unmatched <code><</code> s into <code>&lt;</code> ; entities unless bypassed	disabled
<code>disablerewriteurls="on"</code>	Bypass rewriting relative URLs into absolute ones	disabled
<code>warn="off"</code>	Warn if topic include fails: Fail silently (if <code>off</code>); output default warning (if set to <code>on</code>); else, output specific text (use <code>\$topic</code> for topic name)	<code>%INCLUDEPREFS%</code>
<code>section="name"</code>	Includes only the specified named section, as defined in the included topic by the STARTSECTION and ENDSECTION variables. Nothing is shown if the named section does not exist. <code>section=""</code> is equivalent to not specifying a section	
<code>PARAMONE="val 1"</code> <code>PARAMTWO="val 2"</code>	Any other parameter will be defined as a variable within the scope of the included topic. The example parameters on the left will result in <code>%PARAMONE%</code> and <code>%PARAMTWO%</code> being defined within the included topic. A default value for a variable can be specified in the included topic in case the corresponding parameter is not specified, such as <code>%PARAMONE { default="..." }%</code>	

- Security Considerations:

- ◆ The ability to INCLUDE arbitrary URLs, such as
`%INCLUDE{ "http://www.google.com/" }%` is turned **off** by default. To turn this on, ask your TWiki administrator to enable the `{ INCLUDE } { AllowURLs }` flag in the *Security setup* section of configure.
- ◆ JavaScript in included web pages is filtered out as a security precaution per default. Disable filtering with `raw` or `disableremovescritp` parameter.

- Examples: See `IncludeTopicsAndWebPages`

- Related: `BASETOPIC`, `BASEWEB`, `INCLUDINGTOPIC`, `INCLUDINGWEB`, `STARTINCLUDE`, `STOPINCLUDE`, `STARTSECTION`, `ENDSECTION`, `TOC`, `IncludeTopicsAndWebPages`, `ParameterizedVariables`

INCLUDINGTOPIC -- name of topic that includes current topic

- The name of the topic that includes the current topic - same as `%TOPIC%` in case there is no include
- Syntax: `%INCLUDINGTOPIC%`
- Related: `BASETOPIC`, `INCLUDINGWEB`, `INCLUDE`, `TOPIC`

INCLUDINGWEB -- web that includes current topic

- The web name of the topic that includes the current topic - same as `%WEB%` if there is no INCLUDE.
- Syntax: `%INCLUDINGWEB%`
- Syntax: `%INCLUDINGWEB{format="..."}%` -- see WEB for format documentation
- Related: `BASEWEB`, `INCLUDINGTOPIC`, `INCLUDE`, `WEB`

JQENDTAB -- end a JQuery tab within a tab pane

- This variable is handled by the JQueryPlugin. For description see JQTABPANE
- Syntax: %JQTABPANE% %JQTAB{ "Tab 1"}% ... %JQENDTAB% %JQTAB{ "Tab 2"}% ... %JQENDTAB% ... %JQENDTABPANE%
- Example: See JQTABPANE
- Related: JQENDTABPANE, JQTAB, JQTABPANE, JQueryPlugin

JQENDTABPANE -- end a JQuery tab pane

- This variable is handled by the JQueryPlugin. For description see JQTABPANE
- Syntax: %JQTABPANE% %JQTAB{ "Tab 1"}% ... %JQENDTAB% %JQTAB{ "Tab 2"}% ... %JQENDTAB% ... %JQENDTABPANE%
- Example: See JQTABPANE
- Related: JQENDTAB, JQTAB, JQTABPANE, JQueryPlugin

JQTAB -- start a JQuery tab within a tab pane

- This variable is handled by the JQueryPlugin. For description see JQTABPANE
 - Syntax: %JQTABPANE% %JQTAB{ "Tab 1"}% ... %JQENDTAB% %JQTAB{ "Tab 2"}% ... %JQENDTAB% ... %JQENDTABPANE%
 - Supported parameter:
- | Parameter: | Description: | Comment: |
|------------|---------------------------------|----------------------|
| "..." | Name of tab, shown as tab label | Required, no default |
- Example: See JQTABPANE
 - Related: JQENDTAB, JQENDTABPANE, JQTABPANE, JQueryPlugin

JQTABPANE -- start a JQuery tab pane

- Create nice looking horizontal tab panes in TWiki topics. Write a sequence of %JQTAB{ "..."}% and %JQENDTAB% pairs, and enclose them in %JQTABPANE% and %JQENDTABPANE%. Tab panes can be nested, e.g. within one tab you can add another tab pane. These variables are handled by the JQueryPlugin.
- Syntax: %JQTABPANE% %JQTAB{ "Tab 1"}% ... %JQENDTAB% %JQTAB{ "Tab 2"}% ... %JQENDTAB% ... %JQENDTABPANE%
- Example:

```
%JQTABPANE%
%JQTAB{ "Tab 1"}%
Tab 1 content...
%JQENDTAB%
%JQTAB{ "Tab 2"}%
Tab 2 content...
%JQENDTAB%
%JQENDTABPANE%
```
- Related: JQENDTAB, JQENDTABPANE, JQTAB, JQueryPlugin

LANGUAGE -- current user's language

- Returns the language code for the language used as the current user. This is the language actually used by TWiki Internationalization (e.g. in user interface).
- The language is detected from the user's browser, unless some site/web/user/session-defined setting overrides it:
 - ◆ If the LANGUAGE preference is set, it's used as user's language instead of any language detected from the browser.
 - ◆ Avoid defining LANGUAGE at a non per-user way, so each user can choose his/her preferred language.
- Related: LANGUAGES

LANGUAGES -- list available TWiki languages

- List the languages available (as PO files) to TWiki. Those are the languages in which TWiki's user interface is available.
- Syntax: %LANGUAGES{ . . . }%
- Supported parameters:

Parameter:	Description:	Default:
format	format for each item. See below for variables available in the format string.	" * \$langname"
separator	separator between items.	"\n" (newline)
marker="selected"	Text for \$marker if the item matches selection	"selected"
selection="%LANGUAGE%"	Current language to be selected in list	(none)

- format variables:

Variable	Meaning
\$langname	language's name, as informed by the translators
\$langtag	language's tag. Ex: en, pt-br, etc.

- Example: <select>%LANGUAGES{format=<option \$marker value='\$langtag'>\$langname</option>" selection="%LANGUAGE%"}%</select> creates an option list of the available languages with the current language selected

LIME -- start lime colored text

- LIME is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %LIME% lime text %ENDCOLOR%
- Expands to: lime text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

LOCALSITEPREFS -- web.topicname of site preferences topic

- The full name of the local site preferences topic. These local site preferences overload the system level preferences defined in TWiki.TWikiPreferences.
- Syntax: %LOCALSITEPREFS%

- Expands to: Main.TWikiPreferences, renders as TWikiPreferences

LOGIN -- present a full login link to non-authenticated user

- Present a login link only to users that are not logged in
- Syntax: %LOGIN%
- Expand to: Log In
- Related: TWikiUserAuthentication, LOGINURL, LOGOUT, LOGOUTURL, SESSIONID, SESSIONVAR, SESSION_VARIABLE

LOGINURL -- present a login link

- Present a login link, regardless of the state of login
- Syntax: %LOGINURL%
- Expand to:
/twiki/bin/login/TWiki/TWikiVariables?origurl=/twiki/bin/genpdf/TWiki/TWiki
- Related: TWikiUserAuthentication, LOGIN, LOGOUT, LOGOUTURL, SESSIONID, SESSIONVAR, SESSION_VARIABLE

LOGOUT -- present a full logout link to authenticated user

- Present a logout link only to logged in users
- Syntax: %LOGOUT%
- Expand to:
- Related: TWikiUserAuthentication, LOGIN, LOGINURL, LOGOUTURL, SESSIONID, SESSIONVAR, SESSION_VARIABLE

LOGOUTURL -- present a logout link

- Present a logout link, regardless of the state of login
- Syntax: %LOGOUTURL%
- Expand to: /twiki/bin/view/TWiki/TWikiVariables?logout=1
- Related: TWikiUserAuthentication, LOGIN, LOGINURL, LOGOUT, SESSIONID, SESSIONVAR, SESSION_VARIABLE

M -- moved to... icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %M%
- Expands to: 
- Related: H, I, ICON, N, P, Q, S, T, U, X, Y, TWikiDocGraphics

MAINWEB -- synonym for USERSWEB

- Deprecated. Please use %USERSWEB% instead.
- Related: SYSTEMWEB, USERSWEB

MAKETEXT -- creates text using TWiki's I18N infrastructure

- Syntax: %MAKETEXT{ "string" args="..." }%
- Supported parameters:

Parameter	Description	Default
"text" or string="text"	The text to be displayed.	none
args="param1, param2"	a comma-separated list of arguments to be interpolated in the string, replacing the <code>[_N]</code> placeholders in it.	none

- Examples:

◆ %MAKETEXT{string="Notes :"}%
 expands to
Notes:
 ◆ %MAKETEXT{"If you have any questions, please contact [_1]."
 args="%WIKIWEBMASTER%"}%
 expands to
If you have any questions, please contact grid-operations@lists.cnaf.infn.it.
 ◆ %MAKETEXT{"Did you want to [[[_1]][reset _2]'s password] ?"}%
 args="%SYSTEMWEB%.ResetPassword,%WIKIUSERNAME%"%
 expands to
Did you want to reset Main.TWikiGuest's password?

- Notes:

- ◆ TWiki will translate the string to the current user's language *only* if it has such string in its translation table for that language.
- ◆ Ampersands (&) followed by one letter (one of a...z, A...Z -- say, X) in the translatable string will be translated to `X`. This is used to implement access keys. If you want to write an actual amperstand that stays just before a letter, write two consecutive amperstands (&&): they will be transformed in just one.
- ◆ Translatable string starting with underscores (_) are reserved. You **must not** use translatable phrases starting with an underscore.
- ◆ Make sure that the translatable string is *constant*. Specially, do **not** include %VARIABLES% inside the translatable strings (since they will get expanded **before** the %MAKETEXT{ ... }% itself is handled).

MAROON -- start maroon colored text

- MAROON is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %MAROON% maroon text %ENDCOLOR%
- Expands to: maroon text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

META -- displays meta-data

- Provided mainly for use in templates, this variable generates the parts of the topic view that relate to meta-data (attachments, forms etc.) The `formfield` item is the most likely to be useful to casual users.
- Syntax: %META{ "item" ... }%

- Parameters:

Item	Options	Description
"formfield"	name="...": name of the field. The field value can be shortened as described in FormattedSearch for \$formfield. newline="...": by default, each newline character will be rewritten to to allow metadata that contains newlines to be used in tables, etc. \$n indicates a newline character. bar="...": by default, each vertical bar is rewritten to an HTML entity so as to not be mistaken for a table separator. topic="...": Get meta info of "Topic" or "Web.Topic"; default "%BASEWEB%.%BASETOPIC%".	Show a single form field
"form"	topic="...": Get meta info of "Topic" or "Web.Topic"; default "%BASEWEB%.%BASETOPIC%".	Generates the table showing the form fields. See Form Templates
"attachments"	all="on" to show hidden attachments. title="..." to show a title - only if attachments are displayed. template="..." to use a custom template for the rendering of attachments; default attachtables is used. topic="...": Get meta info of "Topic" or "Web.Topic"; default "%BASEWEB%.%BASETOPIC%".	Generates the list of attachments
"moved"	topic="...": Get meta info of "Topic" or "Web.Topic"; default "%BASEWEB%.%BASETOPIC%".	Details of any topic moves
"parent"	dontrecurse="on": By default recurses up tree, this has some cost. nowebhome="on": Suppress WebHome. prefix="...": Prefix that goes before parents, but only if there are parents, default "". format="...": Format string used to display each parent topic where \$web expands to the web name, and \$topic expands to the topic name; default: " [[\$web.\$topic] [\$topic]] " suffix="...": Suffix, only appears if there are parents; default "". separator="...": Separator between parents; default " > ". topic="...": Get meta info of "Topic" or "Web.Topic"; default "%BASEWEB%.%BASETOPIC%".	Generates the parent link

- **Attention:** The base topic, not the current topic, is used if %META{ }% is placed in an included topic. Add a topic="%WEB%.%TOPIC%" parameter if you need meta info of the current topic.
- **Note:** Formatting tokens can be used for newline, prefix, format, suffix and separator options, such as separator="\$n * "
- Related: METASEARCH, PARENTTOPIC, SEARCH, FormattedSearch

METASEARCH -- special search of meta data

- Syntax: %METASEARCH{ ... }%
- Supported parameters:

Parameter:	Description:	Default:
type="topicmoved"		Required

	What sort of search is required? "topicmoved" if search for a topic that may have been moved "parent" if searching for topics that have a specific parent i.e. its children "field" if searching for topics that have a particular form field value (use the name and value parameters to specify which field to search)	
web="%WEB%"	Wiki web to search: A web, a list of webs separated by whitespace, or all webs.	Current web
topic="%TOPIC%"	The topic the search relates to, for topicmoved and parent searches	All topics in a web
name	form field to search, for field type searches. May be a regular expression (see SEARCH).	
value	form field value, for field type searches. May be a regular expression (see SEARCH).	
title="Title"	Text that is prefixed to any search results	empty
format="..."	Custom format results. Supports same format strings as SEARCH. See FormattedSearch for usage, variables & examples	Results in table
default="none"	Default text shown if no search hit	Empty

- Example: %METASEARCH{type="topicmoved" web="%WEB%" topic="%TOPIC%" title="This topic used to exist and was moved to: "}%
- Example: You may want to use this in WebTopicViewTemplate and WebTopicNonWikiTemplate: %METASEARCH{type="parent" web="%WEB%" topic="%TOPIC%" title="Children: "}%
- Example: %METASEARCH{type="field" name="Country" value="China"}%
- Related: SEARCH, META
- **⚠ Note:** METASEARCH is deprecated in favour of the new and much more powerful query type search. See SEARCH and QuerySearch.

N -- "new" icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %N%
- Expands to: **NEW**
- Related: H, I, ICON, M, P, Q, S, T, U, X, Y, TWikiDocGraphics

NAVY -- start navy blue colored text

- NAVY is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %NAVY% navy text %ENDCOLOR%
- Expands to: navy text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

NOP -- template text not to be expanded in instantiated topics

- Syntax: %NOP%
 - ◆ In normal topic text, expands to <nop>, which prevents expansion of adjacent variables and wikiwords
 - ◆ When the topic containing this is used as a template for another topic, it is removed.
- Syntax: %NOP{...}% **deprecated**
 - ◆ In normal topic text, expands to whatever is in the curly braces (if anything).
 - ◆ **⚠ Note:** This is deprecated. Do not use it. Use
`%STARTSECTION{type="templateonly"}% ..`
`%ENDSECTION{type="templateonly"}%` instead (see TWikiTemplates for more details).
- Related: HIDE, STARTSECTION, TWikiTemplates

NOTIFYTOPIC -- name of the notify topic

- Syntax: %NOTIFYTOPIC%
- Expands to: WebNotify, renders as WebNotify
- Related: HOMETOPIC, STATISTICSTOPIC, TOPIC

OLIVE -- start olive green colored text

- OLIVE is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %OLIVE% olive text %ENDCOLOR%
- Expands to: olive text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

ORANGE -- start orange colored text

- ORANGE is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %ORANGE% orange text %ENDCOLOR%
- Expands to: orange text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

P -- pencil icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %P%
- Expands to: 
- Related: H, I, ICON, M, N, Q, S, T, U, X, Y, TWikiDocGraphics

PARENTTOPIC -- parent of current topic

- Syntax: %PARENTTOPIC% or %PARENTTOPIC{ format="..." topic="..." }%
- Expands to: TWikiVariables, renders as TWikiVariables
- Parameters:

Item	Description	Default
format="..."	Format string used to display parent topic, where \$web expands to the web name, and \$topic expands to the topic name. Additional formatting tokens can be used.	"\$topic" (topic name)
topic="..."	Get parent of "Topic" or "Web.Topic"	"%WEB%.%TOPIC%" (current topic)

- Related: META, METASEARCH, TOPIC

PINK -- start pink colored text

- PINK is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %PINK% pink text %ENDCOLOR%
- Expands to: pink text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

PLUGINDESCRIPTIONS -- list of plugin descriptions

- Syntax: %PLUGINDESCRIPTIONS%
- Expands to:
 - ◆ SpreadSheetPlugin (2013-10-10, \$Rev: 26482 (2013-10-14) \$): Add spreadsheet calculation like "\$SUM(\$ABOVE())" to TWiki tables or anywhere in topic text
 - ◆ BackupRestorePlugin (2013-02-16, \$Rev: 25448 (2013-10-14) \$): Administrator utility to backup, restore and upgrade a TWiki site
 - ◆ ColorPickerPlugin (2013-02-15, \$Rev: 25074 (2013-10-14) \$): Color picker, packaged for use in TWiki forms and TWiki applications
 - ◆ CommentPlugin (2013-02-10, \$Rev: 24977 (2013-10-14) \$): Quickly post comments to a page without an edit/preview/save cycle
 - ◆ DatePickerPlugin (2013-09-04, \$Rev: 26272 (2013-10-14) \$): Pop-up calendar with date picker, for use in TWiki forms, HTML forms and TWiki plugins
 - ◆ EditTablePlugin (2013-01-13, \$Rev: 25108 (2013-10-14) \$): Edit TWiki tables using edit fields, date pickers and drop down boxes
 - ◆ ExplicitNumberingPlugin (1.6, \$Rev: 19806 (2010-11-09) \$): Use the ##., ##.. etc. notation to insert outline numbering sequences (1, 1.1, 2, 2.1) in topic's text. Also support numbered headings.
 - ◆ GoogleAnalyticsPlugin (2011-05-14, \$Rev: 21272 (2011-05-14) \$): Adds Google Analytics javascript code to specified pages
 - ◆ HeadlinesPlugin (2013-02-16, \$Rev: 25104 (2013-10-14) \$): Show headline news in TWiki pages based on RSS and ATOM news feeds from external sites
 - ◆ InterwikiPlugin (2013-02-12, \$Rev: 25126 (2013-10-14) \$): Text **ExternalSite:Page** links to a page on an external site based on aliases defined in a rules topic
 - ◆ JQueryPlugin (2013-09-28, \$Rev: 26439 (2013-10-14) \$): jQuery JavaScript library for TWiki

- ◆ PreferencesPlugin (2013-09-08, \$Rev: 26286 (2013-10-14) \$): Allows editing of preferences using fields predefined in a form
- ◆ RenderListPlugin (2013-01-28, \$Rev: 24820 (2013-10-14) \$): Render bullet lists in a variety of formats
- ◆ SetGetPlugin (2013-01-28, \$Rev: 24822 (2013-10-14) \$): Set and get variables in topics, optionally persistently across topic views
- ◆ SlideShowPlugin (2013-04-07, \$Rev: 25715 (2013-10-14) \$): Create web based presentations based on topics with headings.
- ◆ SmiliesPlugin (2013-01-13, \$Rev: 24784 (2013-10-14) \$): Render smilies as icons, like :-(for 😞 or :eek: for 😱
- ◆ TablePlugin (2013-09-25, \$Rev: 26425 (2013-10-14) \$): Control attributes of tables and sorting of table columns
- ◆ TagMePlugin (2013-10-23, \$Rev: 26549 (2013-10-25) \$): Tag wiki content collectively or authoritatively to find content by keywords
- ◆ TwistyPlugin (2013-03-22, \$Rev: 25508 (2013-10-14) \$): Twisty section JavaScript library to open/close content dynamically
- Related: ACTIVATEDPLUGINS, FAILEDPLUGINS, PLUGINVERSION, TWikiPlugins, InstalledPlugins

PLUGINVERSION -- the version of a TWiki Plugin, or the TWiki Plugins API

- Syntax: %PLUGINVERSION{ "name" } % to get the version of a specific plugin
- Example: %PLUGINVERSION{"InterwikiPlugin"}% expands to \$Rev: 25126 (2013-10-14) \$
- Syntax: %PLUGINVERSION% to get the version of the API
- Expands to: 6.00
- Related: WIKIVERSION, ACTIVATEDPLUGINS, FAILEDPLUGINS, PLUGINDESCRIPTIONS, TWikiPlugins, InstalledPlugins

PUBURL -- the base URL of attachments

- Syntax: %PUBURL%
- Expands to: https://wiki.italiangrid.it/twiki/pub
- Example: You can refer to a file attached to another topic with %PUBURL%/%WEB%/OtherTopic/image.gif
- Related: ATTACHURL, ATTACHURLPATH, PUBURLPATH, SCRIPTURL, SCRIPTURLPATH, FileAttachments

PUBURLPATH -- the base URL path of attachments

- Syntax: %PUBURLPATH%
- Expands to: /twiki/pub
- Related: ATTACHURL, ATTACHURLPATH, PUBURL, SCRIPTURL, SCRIPTURLPATH, FileAttachments

PURPLE -- start purple colored text

- PURPLE is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %PURPLE% purple text %ENDCOLOR%
- Expands to: purple text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

Q -- question icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %Q%
- Expands to: 
- Related: H, I, ICON, M, N, P, S, T, U, X, Y, TWikiDocGraphics

QUERYPARAMS -- show parameters to the query

- Expands the parameters to the query that was used to display the page.
- Syntax: %QUERYPARAMS{...}%
- Parameters:
 - ◆ format="..." format string for each entry, default \$name=\$value
 - ◆ separator="..." separator string, default separator="\$n" (newline)
 - ◆ encode="..." the encoding to apply to parameter values; see ENCODE for a description of the available encodings. If this parameter is not given, no encoding is performed.
- The following escape sequences are expanded in the format string:

Sequence:	Expands To:
\$name	Name of the parameter
\$value	String value of the parameter. Multi-valued parameters will have a "row" for each value.
\$n or \$n()	New line. Use \$n() if followed by alphanumeric character, e.g. write Foo\$n()Bar instead of Foo\$nBar
\$nop or \$nop()	Is a "no operation". This variable gets removed; useful for nested search
\$quot	Double quote ("") (" also works)
\$percnt	Percent sign (%)
\$dollar	Dollar sign (\$)
\$lt	Less than sign (<)
\$gt	Greater than sign (>)

- Example: %QUERYPARAMS{format=<input type='hidden' name='\\$name' value='\\$value' encoding="html" />}%
- See also QUERYSTRING, URLPARAM

QUERYSTRING -- full, unprocessed string of parameters to this URL

- String of all the URL parameters that were on the URL used to get to the current page. For example, if you add ?name=Samantha;age=24;eyes=blue to this URL you can see this in action. This string can

- be appended to a URL to pass parameter values on to another page.
- **Note:** URLs built this way are typically restricted in length, typically to 2048 characters. If you need more space than this, you will need to use an HTML form and %QUERYPARAMS%.
- Syntax: %QUERYSTRING%
- Expands to: pdftitle=TWikiVariables;skin=pattern;cover=print
- Related: QUERYPARAMS, URLPARAM

RED -- start red colored text

- RED is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %RED% red text %ENDCOLOR%
- Expands to: red text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

REDBG -- start red colored background section

- REDBG is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of background colors.
- Syntax: %REDBG% red background %ENDBG%
- Expands to:
red background
- **Note:** %REDBG% area must end with %ENDBG%.
- Related: ENDBG, RED, TWikiPreferences rendering shortcuts, StandardColors

REMOTE_ADDR -- environment variable

- Syntax: %REMOTE_ADDR%
- Expands to: 18.204.35.30
- Related: ENV, HTTP_HOST, REMOTE_PORT, REMOTE_USER

REMOTE_PORT -- environment variable

- Syntax: %REMOTE_PORT%
- Expands to:
- Related: ENV, HTTP_HOST, REMOTE_ADDR, REMOTE_USER

REMOTE_USER -- environment variable

- Syntax: %REMOTE_USER%
- Expands to:
- Related: ENV, HTTP_HOST, REMOTE_ADDR, REMOTE_PORT, USERNAME, WIKINAME, WIKIUSERNAME

RENDERLIST -- render bullet lists in a variety of formats

- The %RENDERLIST% variable is handled by the RenderListPlugin
- Syntax: %RENDERLIST%
- Syntax: %RENDERLIST{ "org" focus="Sales.WestCoastTeam" }%
- Example:

```
%RENDERLIST{ "org" }%
  * [[Eng.WebHome] [Engineering]]
    * [[Eng.TechPubs] [Tech Pubs]]
  * [[Sales.WestCoastTeam] [Sales]]
    * [[Sales.EastCoastTeam] [East Coast]]
      * [[Sales.WestCoastTeam] [West Coast]]
```

- Related: RenderListPlugin

REVINFO -- revision information of current topic

- Syntax: %REVINFO%
- Expands to: r3 - 2010-12-29 - 23:23:37 - TWikiContributor
- Date format defined as {DefaultDateFormat} in configure, default \$year-\$mo-\$day
- Related: REVINFO{"format"}

REVINFO{"format"} -- formatted revision information of topic

- Syntax: %REVINFO{ "format" }%
- Supported parameters:

Parameter:	Description:	Default:
"format"	Format of revision information, see supported variables below	"r1.\$rev - \$date - \$wikiusername"
web="..."	Name of web	Current web
topic="..."	Topic name	Current topic
rev="5"	Specific revision number. Old RCS format "1.5" is also supported.	Latest revision

- Supported variables in format:

Variable:	Unit:	Example
\$web	Name of web	Current web
\$topic	Topic name	Current topic
\$rev	Revision number. Add prefix r to get the usual r5 format	5
\$username	Login username of revision	jsmith
\$wikiname	WikiName of revision	JohnSmith
\$wikiusername	WikiName with Main web prefix	Main.JohnSmith
\$date	Revision date. Actual date format defined as {DefaultDateFormat} in configure, default \$year-\$mo-\$day	2010-12-31
\$time	Revision time	23:24:25
\$iso	Revision date in ISO date format	2006-09-22T06:24:25Z
\$min, \$sec, etc.	Same date format qualifiers as GMTIME{"format"}	

- Example: %REVINFO{ "\$date - \$wikiusername" rev="1.1" }% returns revision info of first revision

- Related: GMTIME{"format"}, REVINFO

S -- red star icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %S%
- Expands to: 
- Related: H, I, ICON, M, N, P, Q, T, U, X, Y, TWikiDocGraphics

SCRIPTNAME -- name of current script

- The name of the current script is shown, including script suffix, if any (for example viewauth.cgi)
- Syntax: %SCRIPTNAME%
- Expands to: genpdf
- Related: SCRIPTSUFFIX, SCRIPTURL, SCRIPTURLPATH

SCRIPTSUFFIX -- script suffix

- Some TWiki installations require a file extension for CGI scripts, such as .pl or .cgi
- Syntax: %SCRIPTSUFFIX%
- Expands to:
- Related: SCRIPTNAME, SCRIPTURL, SCRIPTURLPATH

SCRIPTURL -- base URL of TWiki scripts

- Syntax: %SCRIPTURL%
- Expands to: https://wiki.italiangrid.it/twiki/bin
- **Note:** The edit script should always be used in conjunction with ?t=%GMTIME{"\$epoch"}% to ensure pages about to be edited are not cached in the browser
- Related: PUBURL, SCRIPTNAME, SCRIPTSUFFIX, SCRIPTURL{"script"}, SCRIPTURLPATH, TWikiScripts

SCRIPTURL{"script"} -- URL of TWiki script

- Syntax: %SCRIPTURL{"script"}%
- Expands to: https://wiki.italiangrid.it/twiki/bin/script
- Example: To get the authenticated version of the current topic you can write %SCRIPTURL{"viewauth"}%/%WEB%/%TOPIC% which expands to https://wiki.italiangrid.it/twiki/bin/viewauth/TWiki/TWikiVariables
- Example: How to link to another topic with a URL parameter:
[[%SCRIPTURL{view}%/%WEB%/MyQuery?food=sushi] [Sushi]]
- **Note:** In most cases you should use %SCRIPTURLPATH{"script"}% instead, as it works with URL rewriting much better
- Related: PUBURL, SCRIPTNAME, SCRIPTSUFFIX, SCRIPTURL, SCRIPTURLPATH, SCRIPTURLPATH{"script"}, TWikiScripts

SCRIPTURLPATH -- base URL path of TWiki scripts

- As %SCRIPTURL%, but doesn't include the protocol and host part of the URL
- Syntax: %SCRIPTURLPATH%
- Expands to: /twiki/bin
- **Note:** The edit script should always be used in conjunction with ?t=%GMTIME{ "\$epoch" }% to ensure pages about to be edited are not cached in the browser
- Related: PUBURLPATH, SCRIPTNAME, SCRIPTSUFFIX, SCRIPTURL, SCRIPTURLPATH{"script"}

SCRIPTURLPATH{"script"} -- URL path of TWiki script

- As %SCRIPTURL{ "script" }%, but doesn't include the protocol and host part of the URL
- Syntax: %SCRIPTURLPATH{ "script" }%
- Expands to: /twiki/bin/script
- Related: PUBURLPATH, SCRIPTNAME, SCRIPTSUFFIX, SCRIPTURL, SCRIPTURL{"script"}, SCRIPTURLPATH

SEARCH{"text"} -- search content

- Inline search, shows a search result embedded in a topic
- Syntax: %SEARCH{ "text" ... }%
- Supported parameters:

Parameter:	Description:	Default:
"text"	Search term. Is a keyword search, literal search, regular expression search, or query, depending on the type parameter. SearchHelp has more	required
search="text"	(Alternative to above)	N/A
web="Name" web="Main, Know" web="all"	Comma-separated list of webs to search. You can specifically exclude webs from an all search using a minus sign - for example, web="all, -Secretweb". The special word all means all webs that do not have the NOSEARCHALL variable set to on in their WebPreferences. Note that TWikiAccessControls are respected when searching webs; it is much better to use them than NOSEARCHALL.	Current web
topic="WebPreferences" topic="*Bug"	Limit search to topics: A topic, a topic with asterisk wildcards, or a list of topics separated by comma. Note this is a list of topic names and must not include web names.	All topics in a web
excludetopic="Web*" excludetopic="WebHome, WebChanges"	Exclude topics from search: A topic, a topic with asterisk wildcards, or a list of topics separated by comma. Note this is a list of topic names and must not include web names.	None
		"text"

<code>scope="topic"</code>	Search topic name (title); the text (body) of topic; or all (title and body)	
<code>type="keyword"</code> <code>type="word"</code> <code>type="literal"</code> <code>type="regex"</code> <code>type="query"</code>	<p>Control how the search is performed when <code>scope="text"</code> or <code>scope="all"</code></p> <hr/> <p><code>keyword</code>: use Google-like controls as in soap "web service" -shampoo; searches word parts: using the example, topics with "soapsuds" will be found as well, but topics with "shampoos" will be excluded</p> <hr/> <p><code>word</code>: identical to <code>keyword</code> but searches whole words: topics with "soapsuds" will not be found, and topics with "shampoos" will not be excluded</p> <hr/> <p><code>literal</code>: search for the exact string, like web service</p> <hr/> <p><code>regex</code>: use a RegularExpression search like soap; web service; !shampoo; to search on whole words use \bsoap\b</p> <hr/> <p><code>query</code>: query search of form fields and other meta-data, like (Firstname='Emma' OR Firstname='John') AND Lastname='Peel'</p>	%SEARCHVAR- DEFAULTTYPE% preferences setting (literal)
<code>order="topic"</code> <code>order="created"</code> <code>order="modified"</code> <code>order="editby"</code> <code>order="formfield(name)"</code>	Sort the results of search by the topic names, topic creation time, last modified time, last editor, or named field of TWikiForms. The sorting is done web by web; if you want to sort across webs, create a formatted table and sort it with TablePlugin's initSort. Note that dates are sorted most recent date last (i.e at the bottom of the table).	Sort by topic name
<code>limit="all"</code> <code>limit="16"</code>	Limit the number of results returned. This is done after sorting if <code>order</code> is specified	All results
<code>date="..."</code>	limits the results to those pages with latest edit time in the given time interval.	All results
<code>reverse="on"</code>	Reverse the direction of the search	Ascending search
<code>casesensitive="on"</code>	Case sensitive search	Ignore case
<code>bookview="on"</code>	BookView search, e.g. show complete topic text	Show topic summary
<code>nonoise="on"</code>	Shorthand for <code>nosummary="on"</code> <code>nosearch="on"</code> <code>nototal="on"</code>	Off

	<code>zeroresults="off" noheader="on" noempty="on"</code>	
<code>nosummary="on"</code>	Show topic title only	Show topic summary
<code>nosearch="on"</code>	SUPPRESS search string	Show search string
<code>noheader="on"</code>	SUPPRESS default search header Topics: Changed: By: , unless a header is explicitly specified	Show default search header, unless search is inline and a format is specified (Cairo compatibility)
<code>nototal="on"</code>	Do not show number of topics found	Show number
<code>zeroresults="off"</code>	SUPPRESS all output if there are no hits	<code>zeroresults="on"</code> , displays: "Number of topics: 0"
<code>noempty="on"</code>	SUPPRESS results for webs that have no hits.	Show webs with no hits
<code>headingoffset="2"</code>	Adjust the level of headings in text of topics found, taking effect in <code>\$text</code> and <code>\$pattern()</code> of a FormattedSearch. A "2" or "+2" increases the level by two, e.g. a ---+ H1 turns into a -----+ H3. Positive and negative values are supported. Adjusted min and max levels are H1 and H6, respectively.	no adjustment
<code>header="..."</code> <code>format="..."</code> <code>footer="..."</code>	Custom format results: see FormattedSearch for usage, variables & examples	Results in table
<code>expandvariables="on"</code>	Expand variables before applying a FormattedSearch on a search hit. Useful to show the expanded text, e.g. to show the result of a SpreadSheetPlugin <code>%CALC{ }%</code> instead of the formula	Raw text
<code>multiple="on"</code>	Multiple hits per topic. Each hit can be formatted. The last token is used in case of a regular expression ";" and search	Only one hit per topic
<code>nofinalnewline="on"</code>	If on, the search variable does not end in a line by itself. Any text continuing immediately after the search variable on the same line will be rendered as part of the table generated by the search, if appropriate.	off
<code>recurse="on"</code>	Recurse into subwebs, if subwebs are enabled.	off
<code>separator=", "</code>	Line separator <i>between</i> search hits	<code>"\$n"</code> (Newline)
<code>newline="%BR%"</code>	Line separator <i>within</i> a search hit. Useful if you want to put multi-line content into a table cell, for example if the <code>format=""</code> parameter contains a <code>\$pattern()</code> that captures more than one line, or contains a <code>\$formfield()</code> that returns a multi-line textfield.	<code>"\$n"</code> (Newline)

- Example: `%SEARCH{ "wiki" web="Main" scope="topic" }%`

- Example with format: %SEARCH{ "FAQ" scope="topic" nosearch="on" nototal="on" header="| *Topic: * | *Summary: * |" format="| \$topic | \$summary |" }% (*displays results in a table with header - details*)
- 💡 Hint: If the TWiki:Plugins.TablePlugin is installed, you may set a %TABLE{ }% variable just before the %SEARCH{ }% to alter the output of a search. Example: %TABLE{ tablewidth="90%" }%
- Related: FORMFIELD, METASEARCH, TOPICLIST, WEBLIST, FormattedSearch, QuerySearch, SearchHelp, SearchPatternCookbook, RegularExpression

SERVERTIME -- server time

- Syntax: %SERVERTIME%
- Expands to: 2024-03-29 – 08:25
- Date format defined as {DefaultDateFormat} in configure, default \$year-\$mo-\$day
- ⚠ Note: When used in a template topic, this variable will be expanded when the template is used to create a new topic. See TWikiTemplates#TemplateTopicsVars for details.
- Related: DISPLAYTIME, GMTIME, SERVERTIME{"format"}

SERVERTIME{"format"} -- formatted server time

- Same format qualifiers as %GMTIME%
- Syntax: %SERVERTIME{ "format" }%
- Supported variables: \$seconds, \$minutes, \$hours, \$day, \$wday, \$dow, \$month, \$mo, \$year, \$ye, \$tz, \$iso, \$rcs, \$http, \$epoch
- Example: %SERVERTIME{ "\$hou:\$min" }% expands to 08:25
- ⚠ Note: When used in a template topic, this variable will be expanded when the template is used to create a new topic. See TWikiTemplates#TemplateTopicsVars for details.
- Related: DISPLAYTIME, GMTIME, SERVERTIME

SESSIONID -- unique ID for this session

- Syntax: %SESSIONID%
- Expand to: 24fb8a0fae6668fa8e9d593b09b9cd29
- Related: TWikiUserAuthentication, AUTHREALM, SESSIONVAR, LOGIN, LOGOUT, SESSION_VARIABLE

SESSIONVAR -- name of CGI and session variable that stores the session ID

- Syntax: %SESSIONVAR%
- Expand to: TWIKISID
- Related: TWikiUserAuthentication, AUTHREALM, SESSIONID, LOGIN, LOGOUT, SESSION_VARIABLE

SESSION_VARIABLE -- get, set or clear a session variable

- Session variables are stored in a personal "persistent memory space" that is not lost until the web browser is closed

- Syntax: %SESSION_VARIABLE{ "name" }% - read a session variable
- Syntax: %SESSION_VARIABLE{ "name" set="value" }% - set a session variable
- Syntax: %SESSION_VARIABLE{ "name" clear="" }% - clear a session variable
- Special read-only session variables:
 - ◆ %SESSION_VARIABLE{ "AUTHUSER" }% - user ID, current value:
 - ◆ %SESSION_VARIABLE{ "SESSION_REQUEST_NUMBER" }% - number of pages accessed by current user since login, current value:
- Related: TWikiUserAuthentication#Sessions, AUTHREALM, GET, LOGIN, LOGOUT, SESSIONID, SESSIONVAR, SET

SET{"name" value="..."} -- set a variable

- Set a named variable that can be retrieved later with %GET{ }%. No output is shown, e.g. %SET{ }% resolves to an empty string. The %SET{ }% and %GET{ }% variables are handled by the SetGetPlugin.
- Syntax: %SET{ "name" value="..." remember="1" }%
- Supported attributes:

Attribute	Comment	Default
"name"	Name of variable. Alphanumeric characters, dashes and underscores can be used.	(required)
value="..."	Value of variable. Escape double quotes with backslash.	(required, may be empty)
remember="1"	If set, the variable will be stored persistently so that it can be used later in any TWiki topic. See important notes.	"0"

- Example: %SET{ "lunch" value="Sushi" }% - see more examples.
- Related: GET, IF, SetGetPlugin, SpreadSheetPlugin#FuncSET

SILVER -- start silver colored text

- SILVER is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %SILVER% silver text %ENDCOLOR%
- Expands to: silver text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

SLIDESHOWEND -- end slideshow

- The %SLIDESHOWEND% variable is handled by the SlideShowPlugin
- Syntax: %SLIDESHOWEND%
- Example: See SLIDESHOWSTART
- Related: SLIDESHOWSTART, SlideShowPlugin

SLIDESHOWSTART -- convert a topic with headings into a slideshow

- The %SLIDESHOWSTART% variable is handled by the SlideShowPlugin
- Syntax: %SLIDESHOWSTART%

- Syntax: %SLIDESHOWSTART{ template="MyOwnSlideTemplate" }%
- Example:

```
%SLIDESHOWSTART%
---++ Sample Slide 1
    * Bullet 1
    * Bullet 2
---++ Sample Slide 2
    * Bullet 1
    * Bullet 2
%SLIDESHOWEND%
```
- Related: SLIDESHOWEND, SlideShowPlugin

SPACEDTOPIC -- topic name, spaced and URL-encoded deprecated

- The current topic name with added URL-encoded spaces, for use in regular expressions that search for backlinks to the current topic
- Syntax: %SPACEDTOPIC%
- Expands to: Var%20*SPACEDTOPIC
- **⚠ Note:** This is a deprecated variable. It can be duplicated with
%ENCODE{ %SPACEOUT{ "%TOPIC%" separator=" * " } % }%
- Related: SPACEOUT, TOPIC, ENCODE

SPACEOUT{"string"} -- renders string with spaces inserted in sensible places

- Inserts spaces after lower case letters that are followed by a digit or a capital letter, and after digits that are followed by a capital letter.
- Useful for spacing out WikiWords
- Syntax: %SPACEOUT{ "%TOPIC%" }%
- Expands to: TWiki Variables
- Supported parameters:

Parameter:	Description:	Default:
separator	The separator to put between words e.g. %SPACEOUT{"DogsCatsBudgies" separator=","}% -> Dogs, Cats, Budgies	''
- **💡 Hint:** Spaced out WikiWords are not automatically linked. To SPACEOUT a WikiWord but preserve the link use "double bracket" format. For example,
[[WebHome] [%SPACEOUT{ "WebHome" } %]] expands to Web Home
- Related: SPACEDTOPIC, \$PROPERSPACE() of SpreadSheetPlugin

STARTINCLUDE -- start position of topic text if included

- If present in included topic, start to include text from this location up to the end, or up to the location of the %STOPINCLUDE% variable. A normal view of the topic shows everything except the %STARTINCLUDE% variable itself.
- **Note:** If you want more than one part of the topic included, use
%STARTSECTION{type="include"}% instead
- Syntax: %STARTINCLUDE%
- Related: ENDSECTION, INCLUDE, STARTSECTION, STOPINCLUDE

STARTSECTION -- marks the start of a section within a topic

- Section boundaries are defined with `%STARTSECTION{ }%` and `%ENDSECTION{ }%`.
- Sections may be given a name to help identify them, and/or a type, which changes how they are used.
 - ◆ `type="section"` - the default, used for a generic section, such as a named section used by INCLUDE.
 - ◆ `type="include"` - like `%STARTINCLUDE% ... %STOPINCLUDE%` except that you can have as many include blocks as you want (`%STARTINCLUDE%` is restricted to only one).
 - ◆ `type="templateonly"` - start position of text to be removed when a template topic is used. Use this to embed text that you *do not* want expanded when a new topic based on the template topic is created. TWikiTemplates has more.
 - ◆ `type="expandvariables"` - start position where TWikiVariables get expanded when a new topic is created. Normally only certain variables get expanded when a new topic based on the template topic is created. All variables get expanded within a "expandvariables" section. TWikiTemplates has more.
- Syntax: `%STARTSECTION{"name"}%%ENDSECTION{"name"}%`
- Syntax: `%STARTSECTION{type="include"}%%ENDSECTION{type="include"}%`
- Syntax: `%STARTSECTION{type="templateonly"}%%ENDSECTION{type="templateonly"}%`
- Syntax: `%STARTSECTION{type="expandvariables"}% ...%ENDSECTION{type="expandvariables"}%`
- Supported parameters:

Parameter:	Description:	Default
<code>"name"</code>	Name of the section. Must be unique inside a topic.	Generated name
<code>type="..."</code>	Type of the section; type <code>"section"</code> , <code>"include"</code> , <code>"templateonly"</code> , or <code>"expandvariables"</code>	<code>"section"</code>

- **Note:** If a section is not given a name, it will be assigned one. Unnamed sections are assigned names starting with `_SECTION0` for the first unnamed section in the topic, `_SECTION1` for the second, etc..
- **Note:** You can define nested sections. Do not overlap sections. Use named sections to make sure that the correct START and ENDS are matched. Section markers are **not** displayed when a topic is viewed.
- Related: ENDSECTION, HIDE, INCLUDE, NOP, STARTINCLUDE, STOPINCLUDE

STATISTICSTOPIC -- name of statistics topic

- Syntax: `%STATISTICSTOPIC%`
- Expands to: WebStatistics, renders as WebStatistics
- Related: HOMETOPIC, NOTIFYTOPIC, TOPIC

STOPINCLUDE -- end position of topic text if included

- If present in included topic, stop to include text at this location and ignore the remaining text. A normal view of the topic shows everything except the `%STOPINCLUDE%` variable itself.
- Syntax: `%STOPINCLUDE%`
- Related: ENDSECTION, INCLUDE, STARTINCLUDE, STARTSECTION

SYSTEMWEB -- name of TWiki documentation web

- The web containing all documentation and default preference settings
- Syntax: %SYSTEMWEB%
- Expands to: TWiki
- Related: USERSWEB

T -- tip icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %T%
- Expands to: 
- Related: H, I, ICON, M, N, P, Q, S, U, X, Y, TWikiDocGraphics

TABLE{ *attributes* } -- control attributes of tables and sorting of table columns

- The %TABLE{ }% variable is handled by the TablePlugin
- Syntax: %TABLE{ *attributes* }%

- Supported attributes:

Argument	Comment	Default value	Example
sort	Set table sorting by clicking headers "on" or "off".	unspecified	sort="on"
initsort	Column to sort initially ("1" to number of columns).	unspecified	initsort="2"
initdirection	Initial sorting direction for initsort, set to "up" (descending) or "down" (ascending).	unspecified	initdirection="up"
disableallsort	Disable all sorting, both initsort and header sort. This is mainly used by plugins such as the EditTablePlugin to disable sorting in a table while editing the table.	unspecified	disableallsort="on"
headerbg	Header cell background colour.	"#6b7f93"	headerbg="#999999"
headerbgsorted	Header cell background colour of a sorted column.	the value of headerbg	headerbgsorted="#32596c"
headercolor	Header cell text colour.	"#ffffff"	headercolor="#0000cc"

databg	Data cell background colour, a comma separated list. Specify "none" for no colour, that is to use the colour/background of the page the table is on.	"#edf4f9, #ffffff"	databg="#f2f2f2, #ffffff"
databgsorted	Data cell background colour of a sorted column; see databg.	the values of databg	databgsorted="#d4e8e4, #e5f5e0"
datacolor	Data cell text colour, a comma separated list.	unspecified	datacolor="#0000CC, #000000"
tableborder	Table border width (pixels).	"1"	tableborder="2"
tableframe	Table frame, set to "void" (no sides), "above" (the top side only), "below" (the bottom side only), "hsides" (the top and bottom sides only), "lhs" (the left-hand side only), "rhs" (the right-hand side only), "vsides" (the right and left sides only), "box" (all four sides), "border" (all four sides).	unspecified	tableframe="hsides"
tablerules	Table rules, set to "none" (no rules), "groups" (rules will appear between row groups and column groups only), "rows" (rules will appear between rows only), "cols" (rules will appear between columns only), "all" (rules will appear between all rows and columns).	unspecified	tablerules="rows"

cellpadding	Cell padding (pixels).	"0"	cellpadding="0"
cellspacing	Cell spacing (pixels).	"0"	cellspacing="3"
cellborder	Cell border width (pixels).	unspecified	cellborder="0"
valign	Vertical alignment of cells and headers, set to "top", "middle", "bottom" or "baseline".	unspecified	valign="top"
headervalue	Vertical alignment of header cells; overrides valign.	unspecified	headervalue="top"
datavalue	Vertical alignment of data cells; overrides valign.	unspecified	datavalue="top"
headeralign	Header cell alignment, one value for all columns, or a comma separated list for different alignment of individual columns. Set to "left", "center", "right" or "justify". Overrides individual cell settings.	unspecified	headeralign="left, right"
dataalign	Data cell alignment, one value for all columns, or a comma separated list for different alignment of individual columns. Set to "left", "center", "right" or "justify". Overrides individual cell settings.	unspecified	dataalign="center"
tablewidth	Table width: Percentage of window width, or	unspecified	tablewidth="100%"

	absolute pixel value.		
columnwidths	Column widths: Comma delimited list of column widths, percentage or absolute pixel value.	unspecified	columnwidths="80%, 20%"
headerrows	Number of header rows to exclude from sort. (will be rendered in a HTML <code>thead</code> section)	"1"	headerrows="1"
footerrows	Number of footer rows to exclude from sort. (will be rendered in a HTML <code>tfoot</code> section)	"0"	footerrows="1"
id	Unique table identifier string, used for targeting a table with CSS.	tableN (where N is the table order number on the page)	id="userTable"
summary	Table summary used by screenreaders: A summary of what the table presents. It should provide an orientation for someone who listens to the table.	unspecified	summary="List of subscribed users"
caption	Table caption: A title that will be displayed just above the table.	unspecified	caption="Users"

- Example:

```
%TABLE{ tableborder="0" cellpadding="4" cellspacing="3"
cellborder="0" }%
| *A1* | *B1* |
| A2 | B2 |
```

- Related: See TablePlugin for more details

TEAL -- start teal colored text

- TEAL is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %TEAL% teal text %ENDCOLOR%
- Expands to: teal text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some

text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.

- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

TOC -- table of contents of current topic

- Table of Contents. Shows a TOC that is generated automatically based on headings of the current topic. Headings in WikiSyntax ("---++ text") and HTML ("<h2>text</h2>") are taken into account. Any heading text after "!!" is excluded from the TOC; for example, write "---+!! text" if you do *not* want to list a header in the TOC. An abbreviated heading can be shown in the TOC, such as "---++ text!! this is excluded from TOC".
- Syntax: %TOC%
- Related: INCLUDE, TOC{"Topic"}

TOC{"Topic"} -- table of contents

- Table of Contents. Shows a TOC that is generated automatically based on headings of a topic. Headings in WikiSyntax ("---++ text") and HTML ("<h2>text</h2>") are taken into account. Any heading text after "!!" is excluded from the TOC; for example, write "---+!! text" if you do *not* want to list a header in the TOC. An abbreviated heading can be shown in the TOC, such as "---++ text!! this is excluded from TOC".
- Syntax: %TOC{"SomeTopic" ...}%
- Supported parameters:

Parameter:	Description:	Default:
"TopicName"	topic name	Current topic
web="Name"	Name of web	Current web
depth="2"	Limit depth of headings shown in TOC	6
title="Some text"	Title to appear at top of TOC	none

- Example: %TOC{depth="2"}%
- Example: %TOC{"TWikiDocumentation" web="TWiki" title="Contents :"}%
- Related: INCLUDE, TOC

TOPIC -- name of current topic

- %TOPIC% expands to the name of the topic. If you are looking at the text of an included topic, it is the name of the included topic.
- Syntax: %TOPIC%
- Expands to: TWikiVariables, renders as TWikiVariables
- Related: BASETOPIC, INCLUDINGTOPIC, PARENTTOPIC, TOPICLIST, TOPICURL, WEB

TOPICLIST{"format"} -- topic index of a web

- List of all topics in a web. The "format" defines the format of one topic item. It may include variables: The \$topic variable gets expanded to the topic name, \$marker to marker parameter where topic matches selection, and \$web to the name of the web, or any of the standard FormatTokens.
- Syntax: %TOPICLIST{"format" ...}%
- Supported parameters:

Parameter:	Description:	Default:
"format"	Format of one line, may include \$web (name of web), "\$topic" \$marker (which	

	expands to marker for the item matching selection only)	
format="format"	(Alternative to above)	"\$topic"
separator=", "	line separator	"\$n" (new line)
marker="selected"	Text for \$marker if the item matches selection	"selected"
selection="TopicA, TopicB"	Current value to be selected in list	(none)
web="Name"	Name of web	Current web

- Example: %TOPICLIST{ " * \$web.\$topic" }% creates a bullet list of all topics
- Example: %TOPICLIST{ separator="," }% creates a comma separated list of all topics
- Example: %TOPICLIST{ " <option>\$topic</option>" }% creates an option list (for drop down menus)
- Example: <select>%TOPICLIST{ " <option \$marker value='\$topic'>\$topic</option>" separator=" " selection="%TOPIC%" }%</select> creates an option list of web topics with the current topic selected
- Related: SEARCH, WEBLIST

TOPICURL -- shortcut to viewing the current topic

- This variable always expands to an url pointing to the current base topic.
- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %TOPICURL% - shortcut for %SCRIPTURL{view}%/WEB%/%TOPIC%
- Expands to: <https://wiki.italiangrid.it/twiki/bin/view/TWiki/TWikiVariables>
- Related: SCRIPTURL, TOPIC, WEB, TWikiPreferences rendering shortcuts

TWIKIWEB -- synonym for SYSTEMWEB

- Deprecated. Please use %SYSTEMWEB% instead.
- Related: SYSTEMWEB, USERSWEB

TWISTY{ *attributes* } -- dynamically open and close sections of content

- The %TWISTY{ }% variable is handled by the TwistyPlugin.
- Syntax: %TWISTY{ }% ... %ENDTWISTY%
- See plugin topic for explanation of variables and attributes
- Example:

```
%TWISTY{ }%
my twisty content
%ENDTWISTY%
```
- Related: TwistyPlugin, TwistyContrib

U -- "updated" icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %U%
- Expands to: **UPDATED**
- Related: H, I, ICON, M, N, P, Q, S, T, X, Y, TWikiDocGraphics

URLPARAM{"name"} -- get value of a URL parameter

- Returns the value of a URL parameter.
- Syntax: %URLPARAM{ "name" }%
- Supported parameters:

Parameter:	Description:	Default:
"name"	The name of a URL parameter	required
newline="\$br"	Convert newlines in textarea to other delimiters. Variables \$br (for tag), \$n (for newline) are expanded. Other text is encoded based on encode parameter.	no conversion
encode="off"	Turn off encoding. See important security note below	encode="safe"
encode="quote"	Escape double quotes with backslashes (\\"), does not change other characters; required when feeding URL parameters into other TWiki variables. This encoding does not protect against cross-site scripting.	encode="safe"
encode="moderate"	Encode special characters into HTML entities for moderate cross-site scripting protection: "<", ">", single quote ('') and double quote ("") are encoded. Useful to allow TWiki variables in comment boxes.	encode="safe"
encode="safe"	Encode special characters into HTML entities for cross-site scripting protection: "<", ">", "%", single quote ('') and double quote ("") are encoded. (this is the default)	
encode="entity"	Encode special characters into HTML entities. See ENCODE for details.	encode="safe"
encode="html"	Encode special characters into HTML entities. In addition to encode="entity", it also encodes space, newline (\n) and linefeed (\r). Useful to encode text properly in HTML input fields.	encode="safe"
encode="url"	Encode special characters for URL parameter use, like a double quote into %22	encode="safe"
multiple="on" multiple="[\$item]"	If set, gets all selected elements of a <select multiple="multiple"> tag. A format can be specified, with \$item indicating the element, e.g. multiple="Option: \$item"	first element
separator=" , "	Separator between multiple selections. Only relevant if multiple is specified	"\n" (newline)
format="..."	Format the result. \$value expands to the URL parameter. If multiple is specified, \$value expands to the result of the concatenated items.	"\$value"
default="..."	Default value in case parameter is empty or missing. The format parameter is not applied.	empty string

- Example: %URLPARAM{ "skin" }% returns print for a
<http://view/TWiki/TWikiVariables?skin=print> URL

- **Notes:**

- ◆ **IMPORTANT:** There is a risk that this variable can be misused for cross-site scripting (XSS) if the encoding is turned off. The encode="safe" is the default, it provides a safe middle ground. The encode="entity" is more aggressive, but some TWiki applications might not work.

- ◆ URL parameters passed into HTML form fields should be encoded as "html".
Example: <input type="text" name="address" value="%URLPARAM{ "address" encode="html" }%" />
- ◆ Double quotes in URL parameters must be escaped when passed into other TWiki variables.
Example: %SEARCH{ "%URLPARAM{ "search" encode="quotes" }%" noheader="on" }%
- ◆ When used in a template topic, this variable will be expanded when the template is used to create a new topic. See TWikiTemplates#TemplateTopicsVars for details.
- ◆ Watch out for TWiki internal parameters, such as rev, skin, template, topic, web; they have a special meaning in TWiki. Common parameters and view script specific parameters are documented at TWikiScripts.
- ◆ If you have %URLPARAM{ in the value of a URL parameter, it will be modified to %<nop>URLPARAM{. This is to prevent an infinite loop during expansion.
- Related: ENCODE, SEARCH, FormattedSearch, QUERYSTRING

USERINFO{"name"} -- retrieve details about a user

- Syntax: %USERINFO%
- Expands to: guest, TWikiGuest, (comma-separated list of the username, wikiusername, and emails)
- With formatted output, using tokens \$emails, \$username, \$wikiname, \$wikiusername, \$groups and \$admin (\$admin returns 'true' or 'false'):
 - ◆ Example: %USERINFO{ format="\$username is really \$wikiname" }%
 - ◆ Expands to: guest is really TWikiGuest
- Retrieve information about another user:
 - ◆ Example: %USERINFO{ "TWikiGuest" format="\$username is really \$wikiname" }%
 - ◆ Expands to: guest is really TWikiGuest
 - ◆ **Note:** The parameter should be the wikiname of a user. Since TWiki 4.2.1, you can also pass a login name. You can only get information about another user if the {AntiSpam}{HideUserDetails} configuration option is not enabled, or if you are an admin. (*User details are hidden in this TWiki*)
- Related: USERNAME, WIKINAME, WIKIUSERNAME, TWikiUserAuthentication, ChangeEmailAddress

USERNAME -- your login username

- TWiki makes names available in three formats: USERNAME like jsmith, WIKINAME like JohnSmith and WIKIUSERNAME like Main.JohnSmith. Un-authenticated users are all TWikiGuest.
- Syntax: %USERNAME%
- Expands to: guest
- **⚠ Note:** When used in a template topic, this variable will be expanded when the template is used to create a new topic. See TWikiTemplates#TemplateTopicsVars for details.
- Related: REMOTE_USER, USERINFO, WIKINAME, WIKIUSERNAME, TWikiUserAuthentication

USERSWEB -- name of users web

- The web containing individual user topics, TWikiGroups, and customised site-wide preferences.
- Syntax: %USERSWEB%

- Expands to: Main
- Related: SYSTEMWEB

VAR{"NAME" web="Web"} -- get a preference value from another web

- Syntax: %VAR{ "NAME" web="Web" }%
- Example: To get %WEBBGCOLOR% of the Main web write %VAR{ "WEBBGCOLOR" web="Main" }%, which expands to #FFEFA6
- Related: WEBPREFSTOPIC

VBAR -- vertical bar

- The vertical bar variable can be used in TWiki tables.
- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %VBAR%
- Expands to: |
- Related: BB, BB2, BB3, BB4, BR, BULLET, CARET, TWikiPreferences rendering shortcuts

WEB -- name of current web

- %WEB% expands to the name of the web where the topic is located. If you are looking at the text of an included topic, it is the web where the included topic is located.
- Syntax: %WEB%, expands to: TWiki
- Syntax: %WEB{format="..."}%
- Supported parameter:

Parameter:	Description:	Default:
format="..."	Format, may include tokens \$web (the full web path), \$parents (parent webs, if any), \$current (current web without parent webs)	"\$web"

- Example, assuming %WEB% is Engineering/TechPubs/Apps:
%WEB{format="Parent webs: \$parents, current web: \$current"}% returns:
Parent webs: Engineering/TechPubs, current web: Apps
- Related: BASEWEB, INCLUDINGWEB, TOPIC

WEBLIST{"format"} -- index of all webs

- List of all webs. Obfuscated webs are excluded, e.g. webs with a NOSEARCHALL = on preference variable. The "format" defines the format of one web item. The \$name variable gets expanded to the name of the web, \$qname gets expanded to double quoted name, \$marker to marker where web matches selection.
- Syntax: %WEBLIST{ "format" ... }%
- Supported parameters:

Parameter:	Description:	Default:
"format"	Format of one line, may include \$name (the name of the web), \$qname (the name of the web in double quotes), \$Indentedname (the name of the web with parent web names replaced by indents, for use in indented lists), and \$marker (which expands to marker for the item matching selection only)	"\$name"

<code>format="format"</code>	(Alternative to above)	"\$name"
<code>separator=", "</code>	Line separator	"\$n" (new line)
<code>web=""</code>	if you specify \$web in format, it will be replaced with this	""
<code>webs="public"</code>	Comma separated list of webs, public expands to all non-hidden. NOTE: Administrators will see all webs, not just the public ones	"public"
<code>marker="selected"</code>	Text for \$marker if the item matches selection	"selected"
<code>selection="%WEB%"</code>	Current value to be selected in list	selection="%WEB%"
<code>subwebs="Sandbox"</code>	Show webs that are a sub-web of this one (recursively)	""
<code>limit="30"</code>	Limit number of webs to show	"" (all)
<code>overlimit="..."</code>	Message shown if over limit, such as: overlimit="* [%SYSTEMWEB%.SiteMap] [More...] "	""

- Example: `%WEBLIST{ " * [[$name.WebHome]] %}` - creates a bullet list of all webs.
- Example: `<form><select name="web"> %WEBLIST{ "<option $marker value=$qname>$name</option>" webs="Trash, public" selection="%WEB%" separator=" " }% </select></form>` - creates a dropdown of all public webs + Trash web, with the current web highlighted.
- Related: TOPICLIST, SEARCH

WEBPREFSTOPIC -- name of web preferences topic

- Syntax: `%WEBPREFSTOPIC%`
- Expands to: WebPreferences, renders as WebPreferences
- Related: HOMETOPIC, WIKIPREFSTOPIC, VAR

WHITE -- start white colored text

- WHITE is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: `%WHITE% white text %ENDCOLOR%`
- Expands to: white text (shown with a gray background here)
- **Note:** `%<color>%` text must end with `%ENDCOLOR%`. If you want to switch from one color to another one you first need to end the active color with `%ENDCOLOR%`, e.g. write `%RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%`.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

WIKIHOMEURL -- site home URL

- DEPRECATED, please use `%WIKILOGOURL%` instead.
- Syntax: `%WIKIHOMEURL%`
- Expands to: /twiki/bin/view/Main/WebHome
- Defined in: TWikiPreferences, default
`%SCRIPTURLPATH{ "view" }%/%USERSWEB%/%HOMETOPIC%`
- **⚠ Note:** For the top bar logo URL use `%WIKILOGOURL%` defined in WebPreferences instead.
- Related: WIKILOGOURL, WIKITOOLNAME

WIKILOGOALT -- site logo tooltip message

- Syntax: %WIKILOGOALT%
- Expands to: Home – this site is powered by TWiki (R)
- Defined in: TWikiPreferences
- Related: WIKILOGOIMG, WIKILOGOURL, WIKITOOLNAME

WIKILOGOIMG -- site logo image URL

- Syntax: %WIKILOGOIMG%
 - Expands to:
`https://wiki.italiangrid.it/twiki/pub/TWiki/TWikiLogos/T-logo-140x40-t.gif`
 - 
- Renders as:
- Defined in: TWikiPreferences
 - Related: WIKILOGOALT, WIKILOGOURL, WIKITOOLNAME

WIKILOGOURL -- site logo home URL

- Syntax: %WIKILOGOURL%
- Expands to: `https://wiki.italiangrid.it/twiki/bin/view/Main/WebHome`
- Defined in: TWikiPreferences, default
`%SCRIPTURLPATH{"view"}%/%USERSWEB%/%HOMETOPIC%`
- Related: WIKILOGOALT, WIKILOGOIMG, WIKITOOLNAME

WIKINAME -- your Wiki username

- The WikiName is the same as %USERNAME% if not defined in the TWikiUsers topic
- Syntax: %WIKINAME%
- Expands to: TWikiGuest
- **⚠ Note:** When used in a template topic, this variable will be expanded when the template is used to create new topic. See TWikiTemplates#TemplateTopicsVars for details.
- Related: REMOTE_USER, USERINFO, USERNAME, WIKIUSERNAME, WIKIUSERSTOPIC

WIKIPREFSTOPIC -- name of site-wide preferences topic

- Syntax: %WIKIPREFSTOPIC%
- Expands to: TWikiPreferences, renders as TWikiPreferences
- Related: HOMETOPIC, WEBPREFSTOPIC

WIKITOOLNAME -- name of your TWiki site

- Syntax: %WIKITOOLNAME%
- Expands to: TWiki
- Related: WIKILOGOURL, WIKIVERSION

WIKIUSERNAME -- your Wiki username with web prefix

- Your %WIKINAME% with Main web prefix, useful to point to your user profile page
- Syntax: %WIKIUSERNAME%
- Expands to: Main.TWikiGuest, renders as TWikiGuest
- **⚠ Note:** When used in a template topic, this variable will be expanded when the template is used to create a new topic. See TWikiTemplates#TemplateTopicsVars for details
- Related: REMOTE_USER, USERINFO, USERNAME, WIKINAME

WIKIUSERSTOPIC -- name of topic listing all registers users

- Syntax: %WIKIUSERSTOPIC%
- Expands to: TWikiUsers, with Main prefix renders as TWikiUsers
- Related: WIKIUSERNAME

WIKIVERSION -- the version of the installed TWiki engine

- Syntax: %WIKIVERSION%
- Expands to: TWiki-6.0.0, Mon, 14 Oct 2013, build 26523
- Related: PLUGINVERSION, WIKITOOLNAME

X -- warning icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %X%
- Expands to:
- Related: H, I, ICON, M, N, P, Q, S, T, U, Y, TWikiDocGraphics

Y -- "yes" icon

- Type: Preference variable - TWikiRenderingShortcut.
- Syntax: %Y%
- Expands to:
- Related: H, I, ICON, M, N, P, Q, S, T, U, X, TWikiDocGraphics

YELLOW -- start yellow colored text

- YELLOW is one of the rendering shortcut settings predefined in TWikiPreferences. See the section rendering shortcut settings in that topic for a complete list of colors.
- Syntax: %YELLOW% yellow text %ENDCOLOR%
- Expands to: yellow text
- **Note:** %<color>% text must end with %ENDCOLOR%. If you want to switch from one color to another one you first need to end the active color with %ENDCOLOR%, e.g. write %RED% some text %ENDCOLOR% %GREEN% more text %ENDCOLOR%.
- Related: ENDCOLOR, REDBG, TWikiPreferences rendering shortcuts, StandardColors

Related Topics: UserDocumentationCategory, TWikiVariablesSearch, TWikiVariablesQuickStart, ParameterizedVariables

This topic: TWiki > TWikiVariables

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Ideas, requests, problems regarding TWiki? Send feedback

Note: Please contribute updates to this topic on TWiki.org at [TWiki:TWiki.TWikiVariables](https://TWiki.org/TWiki.TWikiVariables).