

Table of Contents

UI& Visualization	1
CHART{ attributes } -- create area, bar, line and scatter charts to visualize TWiki tables.....	1
CODE{"language"} -- highlight source code fragments for many languages.....	1
COLORPICKER{} -- color picker for use in HTML forms for TWiki applications.....	2
DASHBOARD -- build a dashboard with banner and boxes.....	3
DATEPICKER{} -- pop-up calendar to select a date for use in HTML forms.....	3
DRAWING -- vector drawing editor and clickable maps for diagrams and workflows.....	4
SLIDESHOWEND -- end slideshow.....	5
SLIDESHOWSTART -- convert a topic with headings into a slideshow.....	5

UI& Visualization

Variables in this category:

- **CHART{ attributes }** -- create area, bar, line and scatter charts to visualize TWiki tables
- **CODE{"language"}** -- highlight source code fragments for many languages
- **COLORPICKER{}** -- color picker for use in HTML forms for TWiki applications
- **DASHBOARD** -- build a dashboard with banner and boxes
- **DATEPICKER{}** -- pop-up calendar to select a date for use in HTML forms
- **DRAWING** -- vector drawing editor and clickable maps for diagrams and workflows
- **SLIDESHOWEND** -- end slideshow
- **SLIDESHOWSTART** -- convert a topic with headings into a slideshow

CHART{ attributes } -- create area, bar, line and scatter charts to visualize TWiki tables

- The `%CHART{}` variable is handled by the ChartPlugin.
- **Syntax:** `%CHART{ attributes }%` - supported attributes are documented in ChartPlugin
- **Example:** `%CHART{ type="bar" name="bar1" table="monthly_sales" data="R3:C2..R5:C4" xaxis="R1:C2..R1:C4" legend="R3:C1..R5:C1" ymin="0" width="225" height="200" }%`
- **Category:** ChartingAndDrawingVariables, UIAndVisualizationVariables
- **Related:** ChartPlugin, ChartPluginTests, SpreadSheetPlugin (this topic)

CODE{"language"} -- highlight source code fragments for many languages

- The `%CODE{}` and `%ENDCODE%` variables are handled by the SyntaxHighlightingPlugin.
- **Syntax:** `%CODE{"language"}% ...code... %ENDCODE%`
- **Parameters:**

Parameter	Description	Default
"..." or <code>lang="..."</code>	Source language. Supported languages: ada, asm, awk, bash, changelog, cpp, csh, c, delphi, diffs, diff, diffu, dylan, eiffel, elisp, Name:, forth, fortran_pp, fortran, haskell, html, icon, idl, inf, javascript, java, ksh, lua, m4, mail, makefile, matlab, nroff, oberon2, objc, outline, oz, pascal, perl, php, postscript, pyrex, python, rfc, ruby, scheme, sh, skill, Smalltalk, sml, sql, states, synopsis, tcl, tcsh, tex, vba, verilog, vhdl, vrml, wmlscript, zsh	(none, required)
<code>num="..."</code>	Show line numbers next to the source code. An integer indicates the start number. Also "on" and "off"	"off"
<code>step="..."</code>	Increment line numbers with the given step. Negative numbers will decrement.	"1"
<code>style="..."</code>	Style of box around the source code	light gray box
<code>numstyle="..."</code>	Style of line number column	light brown box

- **Example:** ? Expands to:

```
<sticky>
%CODE{"cpp" num="on"}%
void foo() {
    print("Do stuff.\n");
}
```

```

}
%ENDCODE%
</sticky>

1void foo() {
2    print("Do stuff.\n");
3    }

```

- Category: FormattingAndRenderingVariables, UIAndVisualizationVariables
- Related: SyntaxHighlightingPlugin (this topic)

COLORPICKER{} -- color picker for use in HTML forms for TWiki applications

- The %COLORPICKER{}% variable is handled by the ColorPickerPlugin.
- Syntax: %COLORPICKER{ name="..." value="..." }%
- Parameters:

Parameter	Description	Default	Example
name	Name of input field	(required)	name="text_color"
value	Initial color value, in hexadecimal notation for the combination of Red, Green, and Blue color values (RGB).	(none)	value="#0000ff"
size	Size of input field, in number of characters	(browser default)	size="8"
class	CSS class of input field or the rectangular color block	(none)	class="twikiInputField"
style	Style of input field or the rectangular color block	(none)	style="width: 190px; height: 32px"
type	Type of color widget: ? "below" - color picker is located below the input field; ? "popup" - pop-up a color picker window when clicking the button next to the input field (this uses very little vertical space); ? "view" - a read-only rectangular block colored in the color value (no color picker); ? "view-hex" - like view, in addition shows the color value as an RGB hexadecimal code (no color picker);	type="below"	type="view-hex"

Additional parameters can be supplied; they will be added to the HTML input field or the rectangular color block.

- Example:

```

<form action="...">
%COLORPICKER{ name="text_color" value="#123456" class="twikiInputField"
type="popup" }%
</form>

```

Renders as:



- Category: ApplicationsAndComponentsVariables, DatabaseAndFormsVariables, EditingAndContentUpdateVariables, FormattingAndRenderingVariables, UIAndVisualizationVariables

- Related: ColorPickerPlugin, TWikiForms (this topic)

DASHBOARD -- build a dashboard with banner and boxes

- Use this variable to quickly create dashboards for intranet home, team homepages, project homepages and knowledge bases. See the TWikiDashboardAddOn for details on enabling and using the `%DASHBOARD{...}%` variable.
- **Syntax:** `%DASHBOARD{ section="..." ... }%`
- **Example:**

```
%DASHBOARD{ section="dashboard_start" }%
%DASHBOARD{ section="banner" image="..." title="..." }%
%DASHBOARD{ section="box_start" title="Box 1 title" }%
Box 1 content
%DASHBOARD{ section="box_end" }%
%DASHBOARD{ section="box_start" title="Box 2 title" }%
Box 2 content
%DASHBOARD{ section="box_end" }%
...
%DASHBOARD{ section="dashboard_end" }%
```
- **Category:** AdministrationVariables, ApplicationsAndComponentsVariables, DevelopmentVariables, FormattingAndRenderingVariables, UIAndVisualizationVariables
- Related: TWikiDashboardAddOn (this topic)

DATEPICKER{} -- pop-up calendar to select a date for use in HTML forms

- The `%DATEPICKER{}%` variable is handled by the DatePickerPlugin.
- **Syntax:** `%DATEPICKER{ name="..." value="..." }%`
- **Parameters:**

Parameter	Description	Default	Example
name	Name of input field. : No output is shown if the name parameter is missing, but the CSS and Javascript are loaded.	(required)	name="Start"
value	Initial date value.	" (today)	value="2012-12-31"
format	Format of resulting date value. ? %a - abbreviated weekday name ? %A - full weekday name ? %b - abbreviated month name ? %B - full month name ? %C - century number ? %d - the day of the month (00 ... 31) ? %e - the day of the month (0 ... 31) ? %H - hour (00 ... 23) ? %I - hour (01 ... 12) ? %j - day of the year (000 ... 366) ? %k - hour (0 ... 23) ? %l - hour (1 ... 12) ? %m - month (01 ... 12) ? %M - minute (00 ... 59) ? %n - a newline character	"%Y-%m-%d"	format="%e %b %Y"

	? %p - "PM" or "AM" ? %P - "pm" or "am" ? %S - second (00 ... 59) ? %s - number of seconds since Epoch (since Jan 01 1970 00:00:00 UTC) ? %t - a tab character ? %U, %W, %V - the week number. The week 01 is the week that has the Thursday in the current year, which is equivalent to the week that contains the fourth day of January. Weeks start on Monday. ? %u - the day of the week (1 ... 7, 1 = MON) ? %w - the day of the week (0 ... 6, 0 = SUN) ? %Y - year without the century (00 ... 99) ? %y - year including the century (ex. 2012) ? %% - a literal % character		
id	ID of input field, optional.	"id_" + name	id="idStart"
size	Size of input field, in number of characters.	(calculated as needed)	size="12"
class	CSS class of input field.	"twikiInputField"	class="dateField"
Additional HTML input field attributes, such as alt, disabled, maxlength, onblur, onchange, onfocus, readonly, style, tabindex, title			

• Example:

```
<form action="...">
  %DATEPICKER{ name="Start_Date" }%
</form>
```

• Expands to:

- Category: ApplicationsAndComponentsVariables, DatabaseAndFormsVariables, DateAndTimeVariables, EditingAndContentUpdateVariables, FormattingAndRenderingVariables, UIAndVisualizationVariables
- Related: DatePickerPlugin, TWikiForms (this topic)

DRAWING -- vector drawing editor and clickable maps for diagrams and workflows

- The %DRAWING{}% variable is handled by the TWikiDrawPlugin.

• Syntax: %DRAWING{ name }%

• Parameter:

Parameter	Description	Default
"..."	Name of drawing. Allowed characters are A-Z, a-z, 0-9, ., _, -.	"untitled"

• Example: %DRAWING{"workflow"}%

- Category: ChartingAndDrawingVariables, EditingAndContentUpdateVariables, UIAndVisualizationVariables
- Related: TWikiDrawPlugin (this topic)

SLIDESHOWEND -- end slideshow

- The `%SLIDESHOWEND%` variable is handled by the SlideShowPlugin
- **Syntax:** `%SLIDESHOWEND%`
- **Example:** See SLIDESHOWSTART
- **Category:** FormattingAndRenderingVariables, UIAndVisualizationVariables
- **Related:** SLIDESHOWSTART, SlideShowPlugin (this topic)

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%
```
- **Category:** FormattingAndRenderingVariables, UIAndVisualizationVariables
- **Related:** SLIDESHOWEND, SlideShowPlugin (this topic)

Total: 8 variables

Categories:

Related Topics: TWikiVariables, TWikiVariablesSearch, TWikiVariablesQuickStart

This topic: TWiki > UIAndVisualizationVariables

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Note: Please contribute updates to this topic on TWiki.org at TWiki:TWiki.UIAndVisualizationVariables