

From EULER Project

PmWiki: Page specific variables

This page describes the "variables" that are associated with pages. Page variables have the form `{$variable}`, and can be used in page markup or in certain formatting strings in PmWiki. For example, the markup "`{$Group}`" renders in this page as "PmWiki".

Note: Do not confuse these variables (set and used only in PmWiki pages) with PHP variables. Page variables can be read in PHP with the PageVar() function.

Note that these variables do not necessarily exist in the PHP code, because they have to be determined for a specific page. (However, they are usable in FmtPageName strings.)

There is also the form `{pagename$variable}`, which returns the value of the variable for another page. For example, "`{MarkupMasterIndex$Title}`" displays as "Markup Master Index".

Special references

Special referenced variables are used to retain the context of the target page or main page for a variable when:

- the variable is included into a destination (target) page)
- the variable is part of a sidebar, header, or footer for a main page

Prefixing the variable name with an asterisk (*) means the variable reflects the value related to the target page or main page.

- ****\$PageVariablename*** - prefixed by an asterisk (*) - value reflects target page context

Without the asterisk it reflects the value of the page in which it originates.

- ***\$PageVariablename*** - retains value in source page context

Special references are also used in page list templates.

For example you can test to see if the page is part of another page

```
(:if ! name {$FullName:)
%comment% name of this page is not the same as the page this text was
sourced from
->[[{$FullName}#anchor | more ...]]
(:ifend:)
```

or refer to the main page in a sidebar, footer, or header

This page is [[{**\$FullName*}}] This page is PmWiki.PageVariables

Default page variables

The page variables defined for PmWiki are:

```
{ $Group } - page's group name, as in "PmWiki"
{ $Groupspaced } - spaced group name, as in "Pm Wiki"
{ $DefaultGroup } - default group name, as in "Main"
{ $SiteGroup } - default group name for e.g. RecentChanges, as in "Site"
{ $Name } - page name, as in "PageVariables"
{ $Namespaced } - spaced page name, as in "Page Variables"
{ $DefaultName } - name of default page, as in ""Home"
{ $FullName } - page's full name, as in "PmWiki.PageVariables"
{ $BaseName } - page's "base" form (stripping any prefixes or suffixes defined via $BaseNamePatterns)
as in "PmWiki.PageVariables"
{ $Title } - page title (may differ from Name), as in "Page specific variables"
{ $Titlespaced } - title/spaced page name, as in "Page specific variables"
{ $Description } - page's description from the (:description:) markup, as in "Documentation for
"variables" that are associated with pages."
{ $LastModified } - date page was edited, as in "June 21, 2009, at 09:31 AM"
{ $LastModifiedBy } - page's last editor, as in "simon"
{ $LastModifiedTime } - time page was edited in unix-style timestamp, as in "1245569488" added
version 2.2 beta 67
```

This can be used (preceded by '@') in { (ftime) } and other date/time markups.

```
{ $LastModifiedHost } - IP of page's last editor, as in "203.97.214.12"
{ $LastModifiedSummary } - Summary from last edit, as in "clarify special references"
{ $PageUrl } - page's url, as in
"https://www-sop.inria.fr/mascotte/EULER/wiki/pmwiki.php/PmWiki/PageVariables"
{ $Action } - page's url action argument, as in "pdf"
{ $PasswdRead } - current password for read attr. e.g. "(protected)"
{ $PasswdEdit } - current password for read attr. e.g. "(protected)"
{ $PasswdAttr } - current password for read attr. e.g. "(protected)"
```

In addition to the above, there are some page-invariant variables available through this markup:

```
{ $Author } - the name of the person currently interacting with the site, as in ""
{ $AuthId } - current authenticated id, as in "" Please note the lower case 'd'. { $AuthID } returns nothing
{ $Version } - PmWiki version, as in "pmwiki-2.2.4"
{ $VersionNum } - The internal version number, as in "2002004"
{ $ScriptUrl } - The url to the pmwiki script, as in
"https://www-sop.inria.fr/mascotte/EULER/wiki/pmwiki.php"
```

Custom page variables

You may add custom page variables as a local customization. In a local configuration file or a recipe script, use the variable \$FmtPV:

```
$FmtPV['$VarName'] = "'variable definition'";
$FmtPV['$CurrentSkin'] = '$GLOBALS["Skin"]';
$FmtPV['$WikiTitle'] = '$GLOBALS["WikiTitle"]';
```

Defines new Page Variable of name \$CurrentSkin, which can be used in the page with { \$CurrentSkin } (also for Conditional markup). It's necessary to use the single quotes nested inside double-quotes as shown

above (preferred) or a double-quoted string nested inside single-quotes like `'"this"'`.

If you want to have a Page Variable that returns the currently used password (more precisely, the last password entered), you can use

```
$FmtPV['$AuthPw'] = 'reset(array_keys((array)@$_SESSION["authpw"]))';
```

See also

- [Cookbook:More custom page variables](#)
- [PmWiki.Variables](#) — about variables internal to PmWiki.
- [PmWiki.MarkupMasterIndex](#) — complete list of PmWiki markups.
- [PageTextVariables](#) — page variables automatically made available through natural page markup or explicit page markup within the wiki text of the page.
- [PmWiki.Markup Expressions](#) — markup expressions can manipulate page variables

Is there a variable like `$LastModified`, but which shows me the creation time?

No, but you can create one in `config.php`. For instance:

```
# add page variable {$PageCreationDate} in format yyyy-mm-dd
$FmtPV['$PageCreationDate'] = 'strftime("%Y-%m-%d", $page["ctime"]);'
```

If you like the same format that you define in `config.php` with `$TimeFmt` use

```
$FmtPV['$Created'] = "strftime(\$_GLOBALS['TimeFmt'], \$page['ctime']);"
```

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