

## 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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