

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 specify the context of the [variable](#) when:

- the variable is [included](#) into a destination (target) page
- the variable is used in a sidebar, header, or footer

Prefixing the variable name with an asterisk (*) means the variable's value is related to the target page or main (body) page.

- `{*$PageVariablename}` - prefixed by an asterisk (*) - value reflects target page context

Without the asterisk the variable's value is that in the page from which it originates, eg source page of include, sidebar, or header or footer.

- `{$PageVariablename}` - retains value in source page context

See also [\\$EnableRelativePageVars](#).

Special references are also used in [page text variables](#) and [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:

`{$Action}` - page's url action argument, as in "pdf"

{\$BaseName} - page's "base" form (stripping any prefixes or suffixes defined via [\\$BaseNamePatterns](#)) as in "PmWiki.PageVariables"
 {\$DefaultGroup} - default group name, as in "Wiki"
 {\$DefaultName} - name of default page, as in "Portada"
 {\$Description} - page's description from the (:description:) markup, as in "Documentation for "variables" that are associated with pages."
 {\$FullName} - page's full name, as in "PmWiki.PageVariables"
 {\$Group} - page's group name, as in "PmWiki"
 {\$Groupspaced} - spaced group name, as in "Pm Wiki"
 {\$LastModified} - date page was edited, as in "22 mars 2011 a las 12h28"
 {\$LastModifiedBy} - page's last editor, as in "Petko"
 {\$LastModifiedHost} - IP of page's last editor, as in "87.231.250.238"
 {\$LastModifiedSummary} - Summary from last edit, as in ""
 {\$LastModifiedTime} - time page was edited in unix-style timestamp, as in "1300793334" This can be used (preceded by '@'
 {\$Name} - page name, as in "PageVariables"
 {\$Namespaced} - spaced page name, as in "Page Variables"
 {\$PageUrl} - page's url, as in "<http://wikisoc.ourproject.org/PmWiki/PageVariables>"
 {\$PasswdRead} - "read" permissions for the page e.g. ""
 {\$PasswdEdit} - "edit" permissions for the page e.g. ""
 {\$PasswdAttr} - "attr" permissions for the page e.g. ""
 {\$RequestedPage} - page requested in URL, used on [Site.PageNotFound](#). e.g. "PmWiki/PageVariables"
 {\$SiteGroup} - default group name for e.g. RecentChanges, as in "Site"
 {\$Title} - page title (may differ from Name), as in "Page specific variables"
 {\$Titlespaced} - either the page title (if defined), or the spaced page name, as in "Page specific variables"

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 "" **note the lower case 'd'**.
 {\$Version} - PmWiki version, as in "pmwiki-2.2.25"
 {\$VersionNum} - The internal version number, as in "2002025"
 {\$ScriptUrl} - The url to the pmwiki script, as in "<http://wikisoc.ourproject.org>"

Page variable security (\$authpage)

The form {*pagename\$variable*} or some [PageLists](#), can display the values for other pages, regardless of the password protections.

If the other pages are protected and the visitor has no read permissions, PageVariables, unlike [PageTextVariables](#), normally display the values. While most variables do not contain sensitive information, some of them could do: \$Title, \$Description and those starting with \$LastModified.

Administrators and module developers can redefine the sensitive page variables to respect authentications, by using the "\$authpage" variable instead of "\$page" in the definition. The following snippet can be added in local/config.php -- it will rewrite the default possibly sensitive definitions to the secure ones.

```
foreach($FmtPV as $k=>$v) {
    if(preg_match('/^\$(Title(spaced)?|LastModified(By|Host|Summary|Time)?|Description)$/', $k))
        $FmtPV[$k] = str_replace('$page', '$authpage', $v);
}
```

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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