

When dealing with file or path variables, one has to recognize the difference between working with URLs and files on disk. For example:

- The `include()` statements are used to include other files (on disk) into the currently running PmWiki script. Thus they require a file path.
- The `$ScriptUrl` and `$PubDirUrl` variables are used to tell a browser, connecting via the webserver, how to execute the script and how to get files from PmWiki's `pub/` directory (`$PubDirUrl`).

Note that a browser needs a URL (<http://example.com/pmwiki/pub>) while an include statement requires a server file path (`$FarmD`).

### `$FarmD`

The directory on the server where the farm is located (i.e., the directory containing the farm's copy of *pmwiki.php* and the *scripts/* directory).

### `$FarmPubDirUrl`

is the url that refers to the `pub` directory for an entire farm. It defaults to the same value as `$PubDirUrl`.

### `$PageCSSListFmt`

is an associative array which PmWiki uses to find any local css configuration files. It consists of a set of (*key,value*) pairs that exist. If a key exists, the browser is instructed to load the corresponding URL. This allows for PMWiki to only load the css file if it exists. (V)

```
$PageCSSListFmt = array(
    'pub/css/local.css' => '$PubDirUrl/css/local.css',
    'pub/css/{ $Group }.css' => '$PubDirUrl/css/{ $Group }.css',
    'pub/css/{ $FullName }.css' => '$PubDirUrl/css/{ $FullName }.css' );
```

Note that the default (as of version pmwiki-2.1.beta26) makes no reference to `$FarmPubDirUrl` for css configuration files. If you want to add farm.css to all wikis:

# this adds farm.css to all wikis

```
$PageCSSListFmt = array(
    '$FarmD/pub/css/farm.css' => '$FarmPubDirUrl/css/farm.css',
    'pub/css/local.css' => '$PubDirUrl/css/local.css',
    'pub/css/$Group.css' => '$PubDirUrl/css/$Group.css',
    'pub/css/$FullName.css' => '$PubDirUrl/css/$FullName.css' );
```

# this enables farm css files in a similar manner to a local wiki

```
$PageCSSListFmt = array(
    '$FarmD/pub/css/local.css' => '$FarmPubDirUrl/css/local.css',
    '$FarmD/pub/css/$Group.css' => '$FarmPubDirUrl/css/$Group.css',
    '$FarmD/pub/css/$FullName.css' => '$FarmPubDirUrl/css/$FullName.css',
    'pub/css/local.css' => '$PubDirUrl/css/local.css',
    'pub/css/$Group.css' => '$PubDirUrl/css/$Group.css',
    'pub/css/$FullName.css' => '$PubDirUrl/css/$FullName.css' );
```

Note the difference between CSS configuration files and CSS files associated with a skin. Skin files, including associated CSS, are located in the `pub/skins` directory, and the program will find them.

### `$PubDirUrl`

is the URL that refers to the `pub` directory. That directory contains all the files and subdirectories that must be directly accessible by the browser. The most prominent here is the `skins` subdirectory.

The following may work for you<sup>[1]</sup>

```
$ScriptUrl = 'http://'.$_SERVER['HTTP_HOST'].'/pmwiki/pmwiki.php';
$PubDirUrl = 'http://'.$_SERVER['HTTP_HOST'].'/pmwiki/pub';
```

### [\\$ScriptUrl](#)

is the URL that you want people's browsers to use when accessing PmWiki, either as a field or farm. It's used whenever PmWiki explicitly because of URL manipulations by the webserver (such as [Cookbook:CleanUrls](#), `mod_rewrite`, bizarre PHP configuration

### [\\$SkinDirUrl](#)

Set by *scripts/skins.php* to be the base url of the current skin's directory (i.e., within a 'pub/skins/' directory). This variable is typical

### [\\$WorkDir](#)

This variable is a string that gives a local path to a directory where the pmwiki engine can create temporary files etc. PmWiki needs [\\$WikiDir](#); the reason that both [\\$WorkDir](#) and [\\$WikiDir](#) refer by default to the directory `wiki.d/` is merely to simplify things

### [\\$WikiDir](#)

[\\$WikiDir](#) is a PageStore-object that refers to how wiki pages are stored. This can be a simple reference to a directory (typically `wiki.d/`); the reason that `wiki.d/` is merely to simplify things for the administrator.

To store groups of pages in subdirectories add `$WikiDir = new PageStore('wiki.d/$Group/$FullName');` to the start of the `PageStore` object.

### [\\$WikiLibDirs](#)

[\\$WikiLibDirs](#) is an array of PageStore objects that specify where to look for pages. By default it is set up to look in `wiki.d/` and

For example, to exclude the pages that are bundled in the PmWiki distribution, use the line below. (Note that some features such as

```
\$WikiLibDirs = array(&\$WikiDir);
```

Another example

```
## for any page name, use the version located in wiki.d if it exists,  
## use the version located in wikilib2.d, if a wiki.d version does not, and  
## the version located in wikilib.d, if neither of the above exists  
$WikiLibDirs = array(&$WikiDir,  
    new PageStore('wikilib2.d/{${FullName}'}),  
    new PageStore('${FarmD}/wikilib.d/{${FullName}'}));
```

See also [CustomPageStore](#).

### [\\$LocalDir](#)

The filesystem location of the *local/* directory, holding [local customization](#) and [per group customizations](#) files. Typically set in a [W](#)  
[\\$FarmD](#)/local/farmconfig.php, regardless of any setting for [\\$LocalDir](#).)

## See also

- [Layout Variables](#) for URL layout options
- [Link Variables](#) - variables that control the display of links in pages
- [Edit Variables](#) - variables used when editing pages
- [Upload Variables](#) - variables used for uploads/attachments

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