From EULER Project

PmWiki: Troubleshooting

Pmwiki is pretty robust and can automatically adapt to a very wide variety of environments. However, sometimes things don't go as we expect, so we're cataloging common errors and their fixes here.

Troubleshooting Frequently Asked Questions

Note: This page on pmwiki.org is probably not the best place to post questions. Consider seeking assistance from the pmwiki-users mailing list, or post your question on the PmWiki:Questions page.

Why am I seeing strange errors after upgrading?

Make sure all of the files were updated, in particular *pmwiki.php*.

This question sometimes arises when an administrator hasn't followed the advice, which used to be less prominent, on the installation and initial setup tasks pages and has renamed *pmwiki.php* instead of creating an *index.php* wrapper script. If you have renamed *pmwiki.php* to *index.php*, then the upgrade procedure won't have updated your *index.php* file. Delete the old version and create a wrapper script so it won't happen again.

Sometimes an FTP or other copy program will fail to transfer all of the files properly. One way to check for this is by comparing file sizes.

Be sure all of the files in the *wikilib.d/* directory were also upgraded. Sometimes it's a good idea to simply delete the *wikilib.d/* directory before upgrading. (Local copies of pages are stored in *wiki.d/* and not *wikilib.d/*.)

I'm suddenly getting messages like "`Warning: fopen(wiki.d/.flock): failed to open stream: Permission denied...`" and `Cannot acquire lockfile`"... what's wrong?

Something (or someone) has changed the permissions on the *wiki.d/.flock* file or the *wiki.d/* directory such that the webserver is no longer able to write the lockfile. The normal solution is to simply delete the *.flock* file from the *wiki.d/* directory -- PmWiki will then create a new one. Also be sure to check the permissions on the *wiki.d/* directory itself. (One can easily check and modify permissions of the *wiki.d/* directory in FileZilla(approve sites) (open-source FTP app) by right-clicking on the file > File attributes)

My links in the sidebar seem to be pointing to non-existent pages, even though I know I created the pages. Where are the pages?

Links in the sidebar normally need to be qualified by a WikiGroup in order to work properly (use [[Group.Page]] instead of [[Page]]).
Also: Make sure you type Side**B**ar with a capital B.

Why am I seeing "`Warning: Cannot modify header information - headers already sent ...`" messages at the top of my page.

If this is the first or only error message you're seeing, it's usually an indication that there are blank lines or spaces before the `<?php` or after the `?>` in a local customization file. Double-check the file and make sure

there aren't any blank lines or spaces before the initial `<?php`. It's often easiest and safest to eliminate any closing `?>` altogether. On Windows, it may be necessary to use a hex editor to convert LFCR line endings to LF line endings in the local\config.php file.

If the warning is appearing after some other warning or error message, then resolve the other error and this warning may go away.

How do I make a PHP Warning about `function.session-write-close` go away?

If you are seeing an error similar to this

```
Warning: session_write_close() [function.session-write-close]:
open(/some/filesystem/path/to/a/directory/sess_[...]) failed: No such file
or directory (2) in /your/filesystem/path/to/pmwiki.php on line NNN
```

PmWiki sometimes does session-tracking using PHP's session-handling functions. For session-tracking to work, some information needs to be written in a directory on the server. That directory needs to exist and be writable by the webserver software. For this example, the webserver software is configured to write sessions in this directory

```
/some/filesystem/path/to/a/directory/
```
but the directory doesn't exist. The solution is to do at least one of these:

- Create the directory and make sure it's writable by the webserver software
- Provide a session_save_path value that points to a directory that is writable by the server, e.g.

```
session_save_path('/home/someuser/tmp/sessions');
```

Why is PmWiki prompting me multiple times for a password I've already entered?

Usually this is an indication that the browser isn't accepting cookies, or that PHP's session handling functions on the server aren't properly configured. If the browser is accepting cookies, then try setting $EnableDiag=1; in *local/config.php*, run PmWiki using `?action=phpinfo`, and verify that sessions are enabled and that the session.save_path has a reasonable value. Note that several versions of PHP under Windows require that a session_save_path be explicitly set (this can be done in the *local/config.php* file). You might also try setting session.auto_start to 1 in your php.ini.

I edited *config.php*, but when I look at my wiki pages, all I see is "`Parse error: parse error, unexpected T_VARIABLE in somefile on line number.`"

You've made a mistake in writing the PHP that goes into the *config.php* file. The most common mistake that causes the T_VARIABLE error is forgetting the semi-colon (;) at the end of a line that you added. The line number and file named are where you should look for the mistake.

Searches and pagelists stopped working after I upgraded -- no errors are reported, but links to other pages do not appear (or do not appear as they should) -- what gives?

Be sure all of the files in the *wikilib.d/* directory were also upgraded. In particular, it sounds as if the Site.PageListTemplates page is either missing (if no links are displayed) or is an old version (if the links do not appear as they should). Allso make sure that read-permissions (attr) are set for the pages

Site.PageListTemplates and Site.Search.

Some of my posts are coming back with "403 Forbidden" errors, "Not Acceptable", or "Internal Server Error". This happens with some posts but not others.

Your webserver probably has mod_security(approve sites) enabled. The mod_security "feature" scans all incoming posts for forbidden words or phrases that might indicate someone is trying to hack the system, and if any of them are present then Apache returns the 403 Forbidden error. Common phrases that tend to trigger mod_security include "curl ", "wget", "file(", and "system(", although there are many others.

Since mod_security intercepts the requests and sends the "forbidden" message before PmWiki ever gets a chance to run, it's not a bug in PmWiki, and there's little that PmWiki can do about it. Instead, one has to alter the webserver configuration to disable mod_security or reconfigure it to allow whatever word it is forbidding. Some sites may be able to disable mod_security by placing `SecFilterEngine off` in a *.htaccess* file.

I get the following message when attempting to upload an image, what do I do?

Warning: move_uploaded_file(): SAFE MODE Restriction in effect. The script whose uid is 1929 is not allowed to access /home/onscolre/public_html/pmwikiuploads/Photos owned by uid 33 in **/home/onscolre/public_html/pmwiki/scripts/upload.php** on line **198**

PmWiki can't process your request

?cannot move uploaded file to /home/onscolre/public_html/pmwikiuploads/Photos/FoundationPupilsIn1958.jpeg

We are sorry for any inconvenience.

Your server is configured with PHP Safe Mode enabled. Configure your wiki to use a site-wide uploads prefix, then create the *uploads/* directory manually and set 777 permissions on it (rather than letting PmWiki create the directory).

I'm starting to see "Division by zero error in pmwiki.php..." on my site. What's wrong?

It's a bug in PmWiki that occurs only with the tables markup and only for versions of PHP >= 4.4.6 or >= 5.2.0. Often it seems to occur "out of nowhere" because the server administrator has upgraded PHP. Try upgrading to a later version of PmWiki to remove the error, or try setting the following in *local/config.php*:

$TableRowIndexMax = 1;

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