

TEMP DIR ISSUES | WIKI PAGE ATTACHMENTS SEEMS BROKEN SINCE FEW VERSIONS

Status

✖ Closed

Priority

0 Emergency

Task

temp dir issues | Wiki page attachments seems broken since few versions

Add a timesheet

Add a timesheet for this task

Description

Wiki page attachments seem broken since tiki 23, at least (works fine in Tiki 21 but I haven't tested in Tiki 22).

Sometimes the page refreshes without saving the attachment.

Sometimes we receive an error message saying "Errors detected".

Reproduced on <https://testmick.lab10.evoludata.com/test-attachment> ([credentials here](#)).

The problem have been reported by a client on tiki 23.x

Files

1.  Wiki Attachment Error 🔍

Assigned to

ricardo.melo, victor.emanouilov

Assigned by

marclaporte, michael.imbeault

Also visible to

1- Visible to Anonymous (Public content)

Related

- ✖ 0 Emergency: Virtualmin and Tiki Manager install: many files are owned by root. assigned to victor.emanouilov
- ⚠ 2 Must: Virtualmin Tiki Manager: tmpDir preference should be relative (to avoid issues like Search_Indexer_mysql_trunk.log is saving in the wrong place) assigned to ricardo.melo
- ⚠ 3 Want: Preference tmpDir is now /tmp which should adapted to Virtualmin assigned to ricardo.melo

Created

Wednesday 06 of April, 2022 15:07:35 EDT

by Michael Imbeault

LastModif

Tuesday 26 of April, 2022 23:52:35 EDT

Comments



It is a filesystem permission error, not an error with attachments

victor.emanouilov 2022-04-07 08:45

It comes from tiki manager - the temp directory that user set when creating this instance is /home/testmick/tmp/tiki_mgr which is the same temp directory as the tiki manager. That's OK but it is currently writable by root only. It needs broader permission to allow web server process to write to it. In general, it is better to use Tiki temp directory located in webroot/temp for the Tiki temp dir. It's permissions are also fixed by setup.sh and permission fix tiki manager command. Should we count this as user error or do you need me to add any code that handles this better in the future? Maybe a warning when using temp dir that isn't writable by everybody or automatically making tiki manager tmp dir writable by everybody?



So we need improvement

Michael Imbeault 2022-04-07 09:42

So this is a problem because these are the default configurations. I only activated the feature without changing anything in the configs. So I believe it would be best if you added some code to handle this better...and/or changed the default configurations.

Additional question for the client : if I change the temp directory as suggested, the attachments who was on wiki pages before the upgrade (attached in tiki 18) will work anyway ? Because for him, attachments worked in 18, but not now that we upgraded to 23.

Thanks !



Answer

victor.emanouilov 2022-04-19 09:55

Errors should have been fixed now. Re: existing attachments - they aren't affected by temp dir setting. Temp dir setting only affects file uploads as they go through the temp dir. After that, we depend on file storage setting - if files are stored on the filesystem - they are most probably located in tiki root/storage/somewhere and this shouldn't change during Tiki upgrades. If they are stored in db, they should still be in db. So, no files should be lost after upgrade.



Already related to do

Marc Laporte 2022-04-07 10:31

[item70758-Virtualmin-and-Tiki-Manager-install-many-files-are-owned-by-root](#)



Both

Marc Laporte 2022-04-07 10:34

1. Tiki should provide a useful error message
2. Default WikiSuite install should set everything OK



Done

victor.emanouilov 2022-04-19 09:54

<https://gitlab.com/tikiwiki/tiki/-/commit/60e3ff6de51937ca011fc62b9cfb9e3c88ee80c6> and backported to 24.x as well.

There was some confusion and mix of temporary directory usage within Tiki. Default settings fell back to system tmp dir which help text suggesting to use temp dir relative to Tiki root dir and also actual temp dir within Tiki root dir was used by other Tiki-based code places. Thus, I replaced the default temp directory preference `tmpDir` from system temp dir to \$tikiroot/temp. This is in sync with the Tiki manager changes and should keep all temporary files Tiki uses in one and the same location.

Also added a specific error message if target temporary dir is not writable when uploading a wiki attachment.



If the file is deemed as not safe, will be staying in the potentially public readable folder

ricardo.melo 2022-04-26
19:34

And could be reachable from the internet, so should be removed (see catch around `$filegallib->assertUploadedFileIsSafe($tmp_dest, $file_name);`)



I agree temp dir and many other files are incorrectly placed in webroot but...

victor.emanouilov

2022-04-27 03:46

<https://dev.tiki.org/File-and-directory-structure-revamp>

It has been a known problem for so many years and not trivial to solve. I think the general idea now is to protect temp dir, not move away from it. We can get there (moving away from webroot) once we put some more efforts on directory revamp.



Another related task

[Marc Laporte](#) 2022-04-18 12:17

[item73648-Virtualmin-Tiki-Manager-tmpDir-preference-should-be-relative-to-avoid-issues-like-Search_Indexer_mysql_trunk-log-is-saving-in-the-wrong-place](#)



After some review

victor.emanouilov 2022-04-19 08:05

I decided to change the default temp dir when installing Tiki via Tiki manager. In general, we prefer to use the webroot/temp directory as a temp dir when setting tmpDir preference in Tiki - this directory is well integrated within Tiki, its permissions are updated with setup.sh and other means, so I don't see a reason why we should detect other temporary directories depending on the OS type. This commit should fix the issue when using default settings:

<https://gitlab.com/tikiwiki/tiki-manager/-/commit/998435a28b8a2cd37abc3380b26bd1c2e0b5179e>

