Bugs & Wish list

Files uploaded get corrupted in some installs storing files in database | Tiki Wiki CMS Groupware :: Development
Files uploaded get corrupted in some installs storing files in database

Status
    ⊗ Closed

Subject
    Files uploaded get corrupted in some installs storing files in database

Version
    18.x
    18.x Regression

Category
- Error
- Community projects
- Dogfood on a *.tiki.org site
- Regression

Feature
    File Gallery (elFinder or standard UI)

Resolution status
    Works For Me

Submitted by
    Xavier de Pedro

Volunteered to solve
    rjsmelo

Lastmod by
    Xavier de Pedro

Rating
    ★ ★ ★ ★ ★ (1) ❓

Description
    Uploading png files to file galleries get them corrupted somehow. See screenshots (I'll upload them here in short). And a pdf file I uploaded to the file gallery, after I downloaded it again from tiki, I couldn't see its contents properly (see the other screenshot; some font seems to be missing). If I open the source pdf file (not passing through tiki file gallery but directly the one I had in my computer from elsewhere), I can see the contents of that pdf as expected

    Fairly standard setup on Ubuntu 16.04 (see Ubuntu Install), with mysql 5.7.x, and php 7.0.x (originally, but same issue with php 5.6, 7.0.x, 7.1.x, 7.2.x). Using gd (imagemagick installed also after I hit the bug the first time, just in case it automagically helped, but it didn't - I didn't remove gd, btw)

    I've tested also using tiki15svn, and I couldn't use it due to some weird error I had never seen before of zend session validator class not finding Id.php in place. (!). Therefore, I couldn't test tiki15svn in the same server.

I tested using tiki17svn, and file uploads worked as expected (nice!).
I tested using tiki18svn, or tiki trunk, and I got the issue I reported.

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Gosh, similar issue might be happening on dev.t.o (at least for me; is it only me???): try to see the png files that I produced as screenshots, e.g.:
https://dev.tiki.org/tiki-list_file_gallery.php?galleryId=1&fileId=1194&view=page

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Update: avoided the issue by means of changing the storage of files in file galleries from db to file system.

Therefore, the issue might be specific to Tiki18+ and Mysql5.7 maybe? (in another production server of mine, the setup is fairly similar in Ubuntu 16.04, but with MariaDb instead of MySQL 5.7, and I didn't see the issue of images getting corrupted).
As a consequence, I removed the tag "Release blocker", since I'm not sure how many production server are out there with MySql 5.7 and storing files in database. Feel free anyone to re-tag to release blocker if this is too critical for someone else.

I removed "19.x" categorization because branch 19 doesn't exist yet. The category "regression from version 18 to 19" is accurate here and already assigned.

Solution
    As far as I know, this was fixed long ago (at least the bug report I did). Closing ticket.

Importance
    10 high

Easy to solve?
    5

Priority
    50

Demonstrate Bug (Tiki 19+)
    ## Please demonstrate your bug on show2.tiki.org

    Version: trunk ▼

Demonstrate Bug (older Tiki versions)
    ## Please demonstrate your bug on show.tikiwiki.org

    Version: 18.x ▼

Ticket ID
    6660

Created
    Thursday 10 May, 2018 12:13:43 GMT-0000
    by Xavier de Pedro

LastModif
    Sunday 23 September, 2018 20:58:18 GMT-0000

Comments

Philippe Cloutier 10 May 18 14:00 GMT-0000

Thank you Xavi,
Does your last paragraph in Description refer to the fact that your screenshots appear to be vertically truncated (I only see a small fraction of a screen in each case, with my Google Chrome)?

Xavier de Pedro 10 May 18 14:08 GMT-0000

yes, Philippe, even if in Firefox, I don't see anything for these cases in dev.t.o. In my production site I see them vertically truncated as you say

Philippe Cloutier 10 May 18 14:11 GMT-0000

Thanks 🙁
Perhaps you could put the images in a tar archive and upload that archive here instead, hoping that will workaround dev.tiki.org's corruption and allow us to see the kind of corruption which happens on your site.

Marc Laporte 11 May 18 08:36 GMT-0000

I confirm the issue on WikiSuite.org

Same issue if uploaded via elFinder or regular file gallery interface
https://wikisuite.org/display684
https://wikisuite.org/display685

MariaDB 5.5.56
PHP 5.6.25
Files stored in DB

Philippe Cloutier 11 May 18 13:21 GMT-0000

Is the corruption predictable? If file A was uploaded and stored as bit sequence x, does re-uploading the file A store it again as bit sequence x? If so, is that sequence the same on all affected servers?

Are all files uploaded affected? If not, please upload some affected files somewhere unaffected by this bug.

Marc Laporte 13 May 18 16:51 GMT-0000

Fixed:
Delivered in trunk: https://sourceforge.net/p/tikiwiki/code/66335
Backported to 18.x: https://sourceforge.net/p/tikiwiki/code/66336

Probably introduced in https://sourceforge.net/p/tikiwiki/code/66281/

Marc Laporte 18 May 18 13:01 GMT-0000

Re-opened: item6664-TRIM-fails-to-install-Tiki

rjsmelo 27 May 18 17:53 GMT-0000

I don't think that was related.

Philippe Cloutier 28 May 18 14:10 GMT-0000

Issue #6664 is not related to this one, but there was a problem with attachments in ticket #6664.
Are you saying you think the problem with attachments was not related?

Attachments

filename	created	hits	comment	version	filetype

No attachments for this item

The original document is available at
https://dev.tiki.org/item6660-Files-uploaded-get-corrupted-in-some-installs-storing-files-in-database