indexing fails due to Data too long for column 'tracker_field_wikipage_raw' at row 1 | Tiki Wiki CMS Groupware :: Development

indexing fails due to Data too long for column 'tracker_field_wikipage_raw' at row 1

Status
Closed

Subject
indexing fails due to Data too long for column 'tracker_field_wikipage_raw' at row 1

Version
21.x
22.x
21.x Regression

Category
- Error
- Regression

Feature
Search

Resolution status
Fixed or Solved

Submitted by
Xavier de Pedro

Volunteered to solve
Jonny Bradley

Lastmod by
Xavier de Pedro

Rating
(0)

Description
We have noticed at work that our production tiki (using Tiki 21) doesn't seem to find pages through the search feature, since months ago.

In these last months (since feb 2020) we've migrated our tiki site between servers, and upgraded our old tiki20 to tiki21 a few months ago.

I've tried to run the search index through the console.php command `index:rebuild`, and I seem to hit this type of errors:

```
... error: Indexing failed while processing "Wiki Help" (type wiki page) with the error "Could not perform index modification: Data too long for column 'tracker_field_petDocWikiNova_raw' at row 1" error: Indexing failed while processing "1" (type category) with the error "Could not perform index modification: Data too long for column 'tracker_field_petDocWikiNova_raw' at row 1" ... Indexed Undefined index: counts on line 162 of /path/lib/core/Tiki/Command/IndexRebuildCommand.php Invalid argument supplied for foreach() on line 162 of /path/lib/core/Tiki/Command/IndexRebuildCommand.php Rebuilding index done Index: index_5f8f52c635dcb Execution time: 3 mins Current Memory usage: 171.6 MiB Memory
```

peak usage before indexing: 16.9 MiB Memory peak usage after indexing: 188.4 MiB Number of queries: 253406 PDO::query(): SQLSTATE[22001]: String data, right truncated: 1406 Data too long for column 'tracker_field_petDocWikiNova_raw' at row 1 on line 104 of /path/lib/core/TikiDb/Pdo.php root@server:/path#

This tracker field with permanentName `petDocWikiNova` is a wiki page type of field. And it hold data from long wiki pages (documentation related to projects in a project management scenario based on trackers)

We need help to get this regression fixed (search feature worked fine for us in Tiki 19 and Tiki20).

Solution

Hopefully {glitlab id=043aab98} in 22.x

Importance

8

Easy to solve?

5

Priority

40

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

7582

Created

Tuesday 20 October, 2020 21:32:08 GMT-0000
by Xavier de Pedro

LastModif

Saturday 31 October, 2020 20:21:51 GMT-0000

Comments

Marc Laporte 26 Oct 20 19:33 GMT-0000

I think you hit MySQL limit. Jean-Marc added a pref for that. Something about short field names in MySQL.

Marc Laporte 26 Oct 20 22:51 GMT-0000

Try pref unified_mysql_short_field_names (and reindex)

Xavier de Pedro 26 Oct 20 23:26 GMT-0000

Thanks for the hint, Marc.

I tried, and apparently no significant change.

It seems to be related to tracker field wiki page, with long content, apparently (even if it worked for months, afair, with previous php versions of mysql versions, or tiki versions, or a combinations of some of those factors)

jonnyb reproduced himself today, after feedback with him on a chat channel

Xavier de Pedro 31 Oct 20 19:15 GMT-0000

fixed, awesome, you got it jonny! fix confirmed when applying that fix to 21.x.

I'll see if I can backport myself through git from my computer (at the server we have svn)

Xavier de Pedro 31 Oct 20 20:20 GMT-0000

Backported to 21.x (cherry picked through gitlab ui):
4694f40d77026ca062250eb389c4f498ad3c3323

Jonny Bradley>Xavier de Pedro 02 Nov 20 10:27 GMT-0000

Replied to Backported...
Nice one, well done, looks good to me!

By the way, i made a plugin alias here to do this 4694f40d by adding `{gitlab id=4694f40d}`

Attachments

filename	created	hits	comment	version	filetype

No attachments for this item

The original document is available at
https://dev.tiki.org/item7582-indexing-fails-due-to-Data-too-long-for-column-tracker_field_wikipage_raw-at-row-1