Bugs & Wish list

UTF-8 warning when upgrading Tiki18 to Tiki19

Status
⊗ Closed

Subject
UTF-8 warning when upgrading Tiki18 to Tiki19

Version
19.x

Category
- Error
- Consistency

Feature
Installer (profiles, upgrades and server-related issues)

Resolution status
New

Submitted by
Bernard Sfez / Tiki Specialist

Volunteered to solve
rjsmelo

Lastmod by
Bernard Sfez / Tiki Specialist, Marc Laporte

Rating
★★♩★★★★★♩★★★★★♩★★★★★♩★★★★★♩★ (0) ❓

Related-to
- ⊗ change the table definitions to support the new utf8mb4 character

Description
I switch a Tiki18 to a Tiki19.

During the install on the database step, I had a warning about "UTF-8 encoding" while my tables were properly upgraded to utf8mb4_unicode_ci.

Following the links to the doc doesn't really help

On a second attempt (local) I didn't upgrade previously the table and applied the database upgrade. After upgrading the database I checked my database (phpmyadmin) most of the tables were utf8mb4_unicode_ci while a few (see the list below) were still UTF-8 unicode;
tiki_acct_journal
tiki_acct_stack
tiki_banning

The database upgrade process ended successfully but with error report:

```
Upgrade operations executed successfully: 668 SQL queries.

Operations failed: 6 SQL queries. Display details.

During an upgrade, it is normal to have SQL failures resulting with Table already exists
messages.
ALTER TABLE `sessions` convert to character set DEFAULT COLLATE DEFAULT Table
'tsaharoniki_tiki19.sessions' doesn't exist ALTER TABLE `tiki_banning` convert to character
set DEFAULT COLLATE DEFAULT Invalid default value for 'date_to' ALTER TABLE
`tiki_acct_journal` convert to character set DEFAULT COLLATE DEFAULT Invalid default value for
'journalDate' ALTER TABLE `tiki_acct_stack` convert to character set DEFAULT COLLATE DEFAULT
Invalid default value for 'stackDate' ALTER TABLE `tiki_banning` CHANGE `message` `message`
text COLLATE utf8mb4_unicode_ci Invalid default value for 'date_to' ALTER TABLE `sessions`
CHANGE `data` `data` text COLLATE utf8mb4_unicode_ci NOT NULL Table
'tsaharoniki_tiki19.sessions' doesn't exist

If you think that the errors of a patch can be ignored, please check the checkbox associated
to it before clicking on continue.
```

I refreshed and they were no more errors.

Solution
Fixed by Ricardo several commits

Importance
5

Easy to solve?
5

Priority
25

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

Version: trunk ▼ Create show2.tikiwiki.org instance

Ticket ID
6870

Created

Thursday 18 October, 2018 08:59:13 GMT-0000
by Bernard Sfez / Tiki Specialist

LastModif
Thursday 08 November, 2018 14:47:42 GMT-0000

Comments

[Marc Laporte](#) 19 Oct 18 15:10 GMT-0000

What is exact version of your DB?

Do you have DB dump pre-upgrade so we can test a fix?

[rjsmelo](#) 21 Oct 18 15:22 GMT-0000

Hi Bernard,

For the first case, the screenshot is the "pre-update" step, looking at the code it can report issues in the database if the database itself (default collation for the database) is already converted to utf8mb4 but the tables are still not converted. Do you think that you might have run other scripts / etc that changed the default encoding from the database, before trying to run the upgrade?

For both, but especially of the second example would be helpful to have a copy of the DB (as in the second case, the default value seems not be the expected) and also know the version of the MySQL server you are running.

[Bernard Sfez / Tiki Specialist](#) 22 Oct 18 08:35 GMT-0000

Sending you the dump (original 18 of the db - before update) by mail.

Attachments

filename	created	hits	comment	version	filetype
No attachments for this item					

The original document is available at

https://dev.tiki.org/item6870-UTF-8-warning-when-upgrading-Tiki18-to-Tiki19

Show PHP error messages