

## Bugs & Wish list

UTF-8 warning when upgrading Tiki18 to Tiki19 | Tiki Wiki CMS Groupware :: Development  
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



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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.tiki.org](http://show2.tiki.org)

Version: **trunk** ▼

#### Demonstrate Bug (older Tiki versions)

Please demonstrate your bug on [show.tikiwiki.org](http://show.tikiwiki.org)

Version: **18.x** ▼

#### 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
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No attachments for this item

The original document is available at

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