(A blocker if confirmed) errors in trunk database upgrade through console.php keys too long and invalid default value

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**Status**
Pending

**Subject**
(A blocker if confirmed) errors in trunk database upgrade through console.php keys too long and invalid default value

**Version**
19.x

**Category**
- Error
  - Release Blocker

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

**Console / Command Line**

**Resolution status**
Please retest

**Submitted by**
Xavier de Pedro

**Lastmod by**
Xavier de Pedro, Marc Laporte, luciash d' being ️

**Rating**

**Description**
I've updated trunk in a server, and I got these error messages after upgrading the database with console.php command:

```
root@server:/var/www/tikitrunk# php console.php d:u --site=mysite.example.com
PHP Warning:  The requested theme's CSS file could not be read. Falling back to default theme. in /var/www/tikitrunk/lib/setup/theme.php on line 100
PHP Stack trace:
  PHP   1. {main}() /var/www/tikitrunk/console.php:0
  PHP   2. require_once() /var/www/tikitrunk/console.php:59
  PHP   3. require_once() /var/www/tikitrunk/tiki-setup.php:150
  PHP   4. trigger_error() /var/www/tikitrunk/lib/setup/theme.php:100
```
Update completed.
Installed: 20111231_change_datetime_defaults_to_null_tiki
Installed: 20180609_change_log_column_type_tiki
Installed: 20180705_fix_calendaritem_tracker_attributes_tiki
Installed: 20180706_remove_menu_reports_tiki
Installed: 20180803_semaphore_value_tiki
Installed: 20180815_merge_topic_read_perm_tiki
Installed: 20180918_remove_poweredby_module_tiki
Installed: 20180923_convert_collation_to_utf8mb4_tiki
Queries executed successfully: 277
Error in unknown patch script
   ALTER TABLE index_5a6715b9e9160 convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE index_pref_en convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE metrics_metric convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE metrics_tab convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE tiki_acct_journal convert to character set DEFAULT COLLATE DEFAULT
   Invalid default value for 'journalDate'
Error in unknown patch script
   ALTER TABLE tiki_acct_stack convert to character set DEFAULT COLLATE DEFAULT
   Invalid default value for 'stackDate'
Error in unknown patch script
   ALTER TABLE tiki_banning convert to character set DEFAULT COLLATE DEFAULT
   Invalid default value for 'date_to'
Error in unknown patch script
   ALTER TABLE tiki_comments convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE tiki_links convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE tiki_object_attributes convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE tiki_profile_symbols convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE tiki_secdb convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes
Error in unknown patch script
   ALTER TABLE users_objectpermissions convert to character set DEFAULT COLLATE DEFAULT
   Specified key was too long; max key length is 1000 bytes

Importance
Easy to solve? 5

Priority 40

Demonstrate Bug

Please demonstrate your bug on show2.tikiwiki.org

Version: [trunk ▼ Create show2.tikiwiki.org instance]

Ticket ID 6807

Created
Monday 24 September, 2018 12:47:19 GMT-0000

LastModif
Saturday 27 October, 2018 16:52:51 GMT-0000

Comments

Marc Laporte 04 Oct 18 01:04 GMT-0000
Can you try again from a db that wasn't once converted?

There have been some fixes, but re-running twice doesn't work

Roberto Kirschbaum 25 Oct 18 17:51 GMT-0000
Hi Xavi, please, what's the status for this one? I'd like to make sure we don't have release blockers. Thanks!

Jonny Bradley 29 Oct 18 12:02 GMT-0000
Just ran an update on a random test tiki15 database and got these errors:

[+]

Jonny Bradley 29 Oct 18 12:11 GMT-0000
Here's another from a Tiki 9 db:
So it looks to me like an old script to create missing tables is being run after the conversion to utf8mb4 has happened, and the index lengths therefore are too long... in this case it was 20140914_addon_profiles_tiki and in the previous one it was 20161220_add_h5p_tables_tiki. Maybe it's just my localhost...

Ok, i have worked it out i think. What i was doing to test was deleting all the tables in my test db and re-importing the or (utf8) data, but the database itself was left in utf8mb4, so new tables would be created with that encoding and hit the index too long errors the 20180923_convert_collation_to_utf8mb4_tiki script later corrects.

So do we need a warning of some sort? Or just something in the release notes?