

Core - Bug # 52206

Epic # 68397 (In Progress): Make TYPO3 work with MySQL strict mode

Status:	Resolved	Priority:	Should have												
Author:	Stefan Neufeind	Category:													
Created:	2013-09-24	Assigned To:													
Updated:	2015-07-21	Due date:													
TYPO3 Version:	6.2														
PHP Version:															
Complexity:															
Is Regression:	No														
Sprint Focus:															
Subject:	Default-values for text-fields														
Description	<p>In some places text-fields don't have a default-value. phpMyAdmin shows that there is no default-value set. Unfortunately MySQL (still) does not support default-values for BLOB/TEXT (see bugs.mysql.com/bug.php?id=21532).</p> <p>Upon insertion of a new content-element (a plugin in this case) I got: SQL error: 'Field 'filelink_sorting' doesn't have a default value' (tt_content:NEW5240c411f10d4)</p> <p>This can be prevented by adding a default-value (empty string) in the TCA-definition for that column (in typo3/sysextd/frontend/Configuration/TCA/tt_content.php).</p> <p>I expect this is true for versions down to 4.5 and is just triggered since some newer MySQL/MariaDB-release.</p> <p>Happens here on Fedora 19 with mariadb-server-5.5.32-8.fc19.</p>														
Related issues:	<table><tr><td>related to Core - Bug # 16809: FIX FOR Typo3 basic tables definition not comp...</td><td>Closed</td><td>2006-12-22</td></tr><tr><td>related to Core - Task # 54883: Document that TYPO3 CMS is not compatible wit...</td><td>Resolved</td><td>2014-01-09</td></tr><tr><td>related to Core - Bug # 52204: SQL error: Incorrect integer value: " for col...</td><td>Rejected</td><td>2013-09-24</td></tr><tr><td>related to Core - Bug # 18866: Cannot create page with Mysl in strict mode (S...</td><td>Rejected</td><td>2008-05-28</td></tr></table>			related to Core - Bug # 16809: FIX FOR Typo3 basic tables definition not comp...	Closed	2006-12-22	related to Core - Task # 54883: Document that TYPO3 CMS is not compatible wit...	Resolved	2014-01-09	related to Core - Bug # 52204: SQL error: Incorrect integer value: " for col...	Rejected	2013-09-24	related to Core - Bug # 18866: Cannot create page with Mysl in strict mode (S...	Rejected	2008-05-28
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Associated revisions

Revision 87af9d6d - 2015-07-21 02:41 - Morton Jonuschat

[BUGFIX] Provide default value for field tt_content.filelink_sorting

Changing the field type for filelink_sorting to a text type that supports a default value allows inserts into tt_content to succeed when no sorting option was provided, fixing problems with MySQL strict mode.

Resolves: #67186

Resolves: #52206

Releases: master

Change-Id: Ie9a06fff14ec62c9cbc8d15cc957f5fcb6e698393

Reviewed-on: <http://review.typo3.org/41756>

Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>

Reviewed-by: Daniel Goerz <ervaude@gmail.com>

Reviewed-by: Stefan Neufeind <typo3.neufeind@speedpartner.de>

Tested-by: Stefan Neufeind <typo3.neufeind@speedpartner.de>

History

#1 - 2013-09-24 01:17 - Stefan Neufeind

Turns out that from recent system-environment-testing I still had "sql-mode = STRICT_ALL_TABLES" in my.cnf. Removing that makes the problem go away. Still fix it since it's "wrong"?

#2 - 2014-01-09 18:18 - Ernesto Baschny

- Status changed from New to Accepted

Making TYPO3 compatible with MySQL strict mode is probably a huge challenge that we might want to take some time. But not for 6.2. Which is why I added #54883 suggesting to at least document the fact more clearly and officially.

#3 - 2014-09-12 15:50 - Oliver Eglseder

Just for information

sql_mode=STRICT_TRANS_TABLES reproduces this issue ('Field 'filelink_sorting' doesn't have a default value')

#4 - 2014-09-12 15:53 - Stefan Neufeind

But that's not a default-configuration value, or is it on your platform? Does the install-tool point you towards the problem with a recommendation to change that setting maybe?

#5 - 2014-12-08 09:30 - Hallvard Nygård

It's default when installing MySQL 5.5 on Windows using Windows Platform installer

C:\Program Files\MySQL\MySQL Server 5.5\my.ini:

```
sql-mode="STRICT_TRANS_TABLES,NO_AUTO_CREATE_USER,NO_ENGINE_SUBSTITUTION"
```

Worked after changing it to:

```
sql-mode="NO_AUTO_CREATE_USER,NO_ENGINE_SUBSTITUTION"
```

#6 - 2015-01-23 15:39 - Mateusz Wojtuła

Hello,

I have got the same error on Ubuntu 14.04.1 LTS, mysql Ver 14.14 Distrib 5.5.40, for debian-linux-gnu (x86_64) using readline 6.3. Disabling STRICT_ALL_TABLES in mysql configuration solve this bug.

#7 - 2015-06-02 19:17 - Simon Schaufelberger

push. Can this go into 7.x?

#8 - 2015-07-03 18:36 - Hsu Yiming

- File  2015-07-04  12.36.59.png added

my.cnf

sql_mode=NO_ENGINE_SUBSTITUTION,STRICT_ALL_TABLES,STRICT_TRANS_TABLES

2 ()

1. STRICT_ALL_TABLES

2. STRICT_TRANS_TABLES

#9 - 2015-07-20 19:42 - Morton Jonuschat

- Parent task set to #68397

#10 - 2015-07-20 22:39 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/41756>

#11 - 2015-07-21 02:43 - Morton Jonuschat

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:87af9d6d7bfddc531d0a07541b0274d84cc07c11.

Files

2015-07-04 12.36.59.png	91.3 kB	2015-07-03	Hsu Yiming
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