

## Core - Bug # 68418

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

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Anja Leichsenring	<b>Category:</b>	Database API
<b>Created:</b>	2015-07-21	<b>Assigned To:</b>	Morton Jonuschat
<b>Updated:</b>	2015-07-28	<b>Due date:</b>	
<b>TYPO3 Version:</b>	7		
<b>PHP Version:</b>	5.5		
<b>Complexity:</b>			
<b>Is Regression:</b>	No		
<b>Sprint Focus:</b>			
<b>Subject:</b>	scheduler chokes on mysql strict mode		
<b>Description</b>			
<p>I run mysql Ver 14.14 Distrib 5.5.43, for debian-linux-gnu (x86_64) using readline 6.3, which contains the Strict mode handling introduced with mysql 5.6. So I run strict mode.</p> <p>The scheduler gives error messages upon creating or updating scheduler tasks, containing messages like</p> <p>caller =&gt; "TYPO3\CMS\Core\Database\DatabaseConnection::exec_INSERTquery" (60 chars) ERROR =&gt; "Field 'lastexecution_failure' doesn't have a default value" (58 chars)</p> <p>or</p> <p>caller =&gt; "TYPO3\CMS\Core\Database\DatabaseConnection::exec_UPDATEquery" (60 chars) ERROR =&gt; "Incorrect integer value: " for column 'disable' at row 1" (57 chars)</p> <p>and even Exceptions.</p> <p>By adjusting my my.cnf file, commenting out the line STRICT_ALL_TABLES and restarting mysql, I got it to work.</p>			
<b>Related issues:</b>			
related to Core - Bug # 68562: Bool values need to be cast to integer for MyS...		<b>New</b>	<b>2015-07-27</b>

### Associated revisions

**Revision f1355b35 - 2015-07-28 22:38 - Morton Jonuschat**

[BUGFIX] Scheduler: make lastexecution\_failure field non-mandatory

MySQL in strict mode requires TEXT fields defined with the NOT NULL attribute to be explicitly set on INSERT statements. Due to execution failures of scheduler jobs being the exception and not the rule as well as MySQL not allowing DEFAULT values for TEXT columns changing the field to not be mandatory is sensible.

Resolves: #68418

Releases: master

Change-Id: I0ed3a3b70d4f61f8e418741ae76aa0010b6c68a3

Reviewed-on: <http://review.typo3.org/41994>

Reviewed-by: Wouter Wolters <[typo3@wouterwolters.nl](mailto:typo3@wouterwolters.nl)>

Tested-by: Wouter Wolters <[typo3@wouterwolters.nl](mailto:typo3@wouterwolters.nl)>

Reviewed-by: Daniel Goerz <[ervaude@gmail.com](mailto:ervaude@gmail.com)>  
Reviewed-by: Tomas Norre Mikkelsen <[tomasnorre@gmail.com](mailto:tomasnorre@gmail.com)>  
Tested-by: Tomas Norre Mikkelsen <[tomasnorre@gmail.com](mailto:tomasnorre@gmail.com)>  
Reviewed-by: Stefan Neufeind <[typo3.neufeind@speedpartner.de](mailto:typo3.neufeind@speedpartner.de)>  
Tested-by: Stefan Neufeind <[typo3.neufeind@speedpartner.de](mailto:typo3.neufeind@speedpartner.de)>

## History

---

### #1 - 2015-07-21 16:41 - Morton Jonuschat

- *Category changed from DBAL to Database API*
- *Assigned To set to Morton Jonuschat*
- *Target version set to 7 LTS*

### #2 - 2015-07-27 20:34 - Gerrit Code Review

- *Status changed from New to Under Review*

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/41994>

### #3 - 2015-07-28 23:00 - Morton Jonuschat

- *Status changed from Under Review to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset commit:f1355b35a6e74e4c04898ff1a0812fc739f3feb3.