Core - Epic # 68397

Status:	In Progress	**Priority:**	Should have
Author:	Morton Jonuschat	**Category:**	Database API
Created:	2015-07-20	**Assigned To:**	
Updated:	2015-07-30	**Due date:**	

Sprint Focus:	
Subject:	Make TYPO3 work with MySQL strict mode

Description

MySQL 5.6 defaults running in strict mode unless specifically configured otherwise. TYPO3 Core fails in a lot of places due to invalid, missing, or out of range values in DML statements such as INSERT, UPDATE, and DELETE.

MySQL 5.7 will probably put even more emphasis on strict mode due to NO_ZERO_DATE, NO_ZERO_IN_DATE and ERROR_FOR_DIVISION_BY_ZERO being part of the default strict mode.

The goal is to find and fix all places where the core breaks due to strict mode in time to be fixed for 7 LTS.

Subtasks:

Bug # 67186: Impossible to save to tt_content	**Resolved**
Bug # 18866: Cannot create page with Mysl in strict mode (STRICT_TRANS_TABLES)	**Rejected**
Bug # 52204: SQL error: Incorrect integer value: '' for column 'backend_layout	**Rejected**
Bug # 20052: SQL error: 'Incorrect integer value: '' for column 'storage_pid' at row 1'...	**Rejected**
Bug # 18821: Installer will not create any be_users if unsupported sql_mode is used	**Closed**
Bug # 52358: can't login to backend or install tool with PHP 5.4.19 (Typo3-internal ses...	**Resolved**
Bug # 52206: Default-values for text-fields	**Resolved**
Feature # 68407: Check for MySQL strict mode in install tool	**Under Review**
Bug # 68418: scheduler chokes on mysql strict mode	**Resolved**
Bug # 68562: Bool values need to be cast to integer for MySQL strict mode	**New**
Bug # 68564: Data too long for column 'NEWid' at row 1	**Resolved**

History

#1 - 2015-07-20 18:13 - Andreas Fernandez

Afaik types of values are not juggled anymore. Example: Store a bool into an INT will fail with Strict Mode enabled.

#2 - 2015-07-30 15:13 - Wouter Wolters

- Status changed from New to In Progress