Core - Bug # 50450

Status:	Resolved	**Priority:**	Should have
Author:	Alexander Stehlik	**Category:**	Install Tool
Created:	2013-07-26	**Assigned To:**	
Updated:	2014-11-13	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	easy
Is Regression:	
Sprint Focus:	

Subject:	Drop keys before fields in install tool

Description

When a key and the field that is referenced in the key will be removed at the same time in the install tool a database error will occur:

    Error: Can't DROP '<key_name>'; check that column/key exists

This is because the install tool will first remove the field and then tries to remove the key which obviously will not work because the referenced field was already deleted.

The solution would be to drop the key before the field.

Steps to reproduce:

  - install phpunit extension
  - update database in install tool
  - uninstall phpunit extension
  - in the install tool rename a phpunit dummy field, e.g.

  ALTER TABLE be_groups CHANGE tx_phpunit_is_dummy_record zzz_deleted_tx_phpunit_is_dummy_record tinyint(1)
  unsigned NOT NULL default '0';

  - now select the key and the field to be really dropped

  ALTER TABLE be_groups DROP zzz_deleted_tx_phpunit_is_dummy_record;
  ALTER TABLE be_groups DROP KEY phpunit_dummy;

  - You will see an error message

  Error: Can't DROP 'phpunit_dummy'; check that column/key exists

Related issues:

related to Core - Task # 49162: Rewrite install tool	**Resolved**	**2011-10-30**

Associated revisions

Revision 1e2fbf94 - 2014-11-13 18:29 - Alexander Stehlik

[BUGFIX] Correct order of key / field deletion

Prevent an SQL error when deleting a key and the field belonging
to the key in the install tool at the same time.

Therefore the order of deleting keys and fields is changed from
field first and key second to key first and field second.

Resolves: #50450
Releases: master, 6.2
Change-Id: I30aff6ea6c2bf01dec6197eec8fd3aa7306cfcbb
Reviewed-on: http://review.typo3.org/22581
Reviewed-by: Helmut Hummel <helmut.hummel@typo3.org>
Tested-by: Helmut Hummel <helmut.hummel@typo3.org>
Reviewed-by: Markus Klein <klein.t3@reelworx.at>
Tested-by: Markus Klein <klein.t3@reelworx.at>

Revision 098522b9 - 2014-11-13 18:54 - Alexander Stehlik

[BUGFIX] Correct order of key / field deletion

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Resolves: #50450
Releases: master, 6.2
Change-Id: I30aff6ea6c2bf01dec6197eec8fd3aa7306cfcbb
Reviewed-on: http://review.typo3.org/34101
Reviewed-by: Markus Klein <klein.t3@reelworx.at>
Tested-by: Markus Klein <klein.t3@reelworx.at>

History

#1 - 2013-07-26 01:18 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at https://review.typo3.org/22581

#2 - 2013-08-08 20:22 - Christian Kuhn

yeah. Problem: the database schema migrator class is hell, it should be rewritten anyway. atm i do not feel comfortable hacking something like a
solution for the concrete problem into the current code ...

#3 - 2013-10-25 19:30 - Alexander Stehlik

Is it realistic that a rewrite of the SqlSchemaMigrationService is done for 6.2?

If not, a bugfix is better than nothing. And it is not really that "hacky" or complicated. Just changing the order of the database operations.

#4 - 2014-03-07 11:37 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/22581

#5 - 2014-03-22 00:32 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/22581

#6 - 2014-07-07 01:05 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/22581

#7 - 2014-11-13 00:15 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/22581

#8 - 2014-11-13 00:16 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/22581

#9 - 2014-11-13 16:43 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/22581

#10 - 2014-11-13 16:47 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/22581

#11 - 2014-11-13 18:29 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at http://review.typo3.org/34101

#12 - 2014-11-13 18:30 - Alexander Stehlik

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:1e2fbf9487db73fbcc9510dddee30909e65f13fc.