

Core - Bug # 23575

Status:	Resolved	Priority:	Must have
Author:	Xavier Perseguers	Category:	DBAL
Created:	2010-09-21	Assigned To:	Xavier Perseguers
Updated:	2013-12-08	Due date:	
TYPO3 Version:			
PHP Version:			
Complexity:			
Is Regression:			
Sprint Focus:			
Subject:	Allow DBAL to interact with EM to configure remapping		
Description			
<p>When using an Oracle DBMS, length of identifiers is limited to 30 characters. DBAL can be configured to automatically remap table and field names to shorter or other ones.</p> <p>To work, the remapping configuration must be available before the corresponding table has been created.</p> <p>Idea is that EM triggers DBAL <i>before</i> an extension is installed. This would allow to determine whether remapping should be used (typically if DBMS is Oracle and table/field names longer than 30 characters). In such case, and if the remapping configuration is not already present in localconf.php (if administrator already "prepared" the remapping), it should provide a middle step for the installation where DBAL could propose a mapping configuration to be written to localconf.php.</p> <p>User should be able to modify the automatic mapping configuration before it is written to localconf.php. After that, EM should go on as usual and show table to be created/fields to be added.</p> <p>Example of remapping configuration:</p> <pre>\$TYPO3_CONF_VARS['EXTCONF']['dbal']['mapping'] = array('cachingframework_cache_hash' => array('mapTableName' => 'cf_cache_hash',), 'cachingframework_cache_hash_tags' => array('mapTableName' => 'cf_cache_hash_tags',), 'cachingframework_cache_pages' => array('mapTableName' => 'cf_cache_pages',), 'tx_templavoila_datastructure' => array('mapTableName' => 'tx_templavoila_ds',),);</pre> <p>(issue imported from #M15755)</p>			
Related issues:			
related to Core - Bug # 23877: Add DB structure update pre-processing hook in EM		Resolved	2010-10-30
related to Core - Feature # 23911: Allow array as localconf.php configuration...		Closed	2010-11-02
related to Core - Bug # 16292: installer doesn't cope with maximum table and ...		New	2006-06-27

Associated revisions

Revision 06c7af84 - 2011-08-26 12:12 - Xavier Perseguers

[BUGFIX] Allow DBAL to interact with EM to configure remapping

Interface changed during Extension Manager refactoring.

Change-Id: I42e9ab7ed5513bdd031e186592b1768a7a00cedd

Fixes: #23575

Related: #23877

Releases: 4.5, 4.6

Revision 38f7ed45 - 2011-08-26 12:13 - Xavier Perseguers

[BUGFIX] Allow DBAL to interact with EM to configure remapping

Interface changed during Extension Manager refactoring.

Change-Id: I5cb2f78e889f3abfce8e50aa7c455c79e52ad9ce

Fixes: #23575

Related: #23877

Releases: 4.5, 4.6

History

#1 - 2010-10-31 10:06 - Xavier Perseguers

Just uploaded some ongoing work to show how this could be done.

#2 - 2010-11-14 13:26 - Xavier Perseguers

Committed to DBAL trunk (rev. 40177)

#3 - 2011-03-29 17:44 - Susanne Moog

- *Target version deleted (4.5.0)*

#4 - 2011-08-26 12:00 - Xavier Perseguers

- *Status changed from Closed to New*

- *Priority changed from Should have to Must have*

- *TYPO3 Version set to 4.5*

This is open again because the corresponding part in EM was removed and refactoring changed the method signature.

#5 - 2011-08-26 12:00 - Xavier Perseguers

- *Tracker changed from Feature to Bug*

- *Project changed from Core to DBAL*

- *Category deleted (DBAL)*

#6 - 2011-08-26 12:12 - Mr. Hudson

Patch set 1 of change I42e9ab7ed5513bdd031e186592b1768a7a00cedd has been pushed to the review server.

It is available at <http://review.typo3.org/4616>

#7 - 2011-08-26 12:13 - Mr. Hudson

Patch set 1 of change l5cb2f78e889f3abfce8e50aa7c455c79e52ad9ce has been pushed to the review server.

It is available at <http://review.typo3.org/4617>

#8 - 2011-08-26 13:33 - Xavier Perseguers

- Status changed from New to Under Review

#9 - 2011-08-29 06:54 - Xavier Perseguers

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

#10 - 2013-12-08 11:42 - Michael Stucki

- Project changed from DBAL to Core

#11 - 2013-12-08 11:44 - Michael Stucki

- Category set to DBAL

Files

remapping.png	62.7 kB	2010-10-31	Administrator Admin
15755.diff	12.6 kB	2010-10-31	Administrator Admin
15755_v2.diff	13 kB	2010-10-31	Administrator Admin
15755_v3.diff	14 kB	2010-11-02	Administrator Admin