Core - Task # 67297

Status:	Resolved	**Priority:**	Should have
Author:	Morton Jonuschat	**Category:**	DBAL
Created:	2015-06-04	**Assigned To:**	
Updated:	2015-06-08	**Due date:**	
TYPO3 Version:	7		
PHP Version:	5.5		
Complexity:			
Sprint Focus:			
Subject:	Move MySQL / DBMS field type translation into DBAL Specifics		

Description

Provide a default implementation in the abstract class that mimics the current behavior and allow overrides for specific DBMS that can resemble MySQL closer

- MySQLActualType()
- MySQLMetaType

Related issues:

related to Core - Epic # 64459: Make TYPO3 run on PostgreSQL	**New**	**2015-01-23**
related to Core - Bug # 67288: Field types don't get properly translated to M...	**Resolved**	**2015-06-03**
related to Core - Bug # 67290: Translation of MySQL field types to other data...	**Resolved**	**2015-06-04**
related to Core - Bug # 67362: PHP Fatal error: Cannot use 'Null' as class name	**Resolved**	**2015-06-09**

Associated revisions

Revision b1059192 - 2015-06-08 09:10 - Morton Jonuschat

[TASK] dbal: Move MySQL / DBMS field type translation into DBMS Specifics

The function used by the DBAL provide a very coarse and generic translations
between the ADdb meta types and the MySQL native types. This results in
ambiguities that can't properly be resolved and leads to changes in the
install tool schema migration that can never be resolved.

The default DBMS specifics provided resemble the current output of the
functions and don't result in any changes to the DBMS schema.

Resolves: #67297
Related: #67290
Related: #67288
Releases: master
Change-Id: Id26a897c7f43520edd188e0bd2ddb158507c8049
Reviewed-on: http://review.typo3.org/39954
Reviewed-by: Markus Klein <markus.klein@typo3.org>
Tested-by: Markus Klein <markus.klein@typo3.org>
Reviewed-by: Andreas Fernandez <typo3@scripting-base.de>
Tested-by: Andreas Fernandez <typo3@scripting-base.de>

Revision 9295cc1f - 2015-06-09 16:26 - Andreas Fernandez

[BUGFIX] DBAL: Rename null specific

Rename the null specific for PHP 7 compliance.

Resolves: #67362
Related: #67297
Releases: master
Change-Id: I4fe56c5815f84a7e8db8abd3a4eddded4faf9044
Reviewed-on: http://review.typo3.org/40123
Reviewed-by: Mathias Brodala <mbrodala@pagemachine.de>
Tested-by: Mathias Brodala <mbrodala@pagemachine.de>
Reviewed-by: Markus Klein <markus.klein@typo3.org>
Tested-by: Markus Klein <markus.klein@typo3.org>

History

#1 - 2015-06-04 21:46 - 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/39954

#2 - 2015-06-06 14:42 - 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 http://review.typo3.org/39954

#3 - 2015-06-06 17:37 - 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 http://review.typo3.org/39954

#4 - 2015-06-06 17:44 - 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 http://review.typo3.org/39954

#5 - 2015-06-06 19:24 - 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/39954

#6 - 2015-06-08 09:30 - Morton Jonuschat

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:b105919264b042b858a8ecd5bd75cf987521a596.