

TYPO3.TYPO3CR - Bug # 1486

Status:	Resolved	Priority:	Should have
Author:	Matthias Hörmann	Category:	
Created:	2008-09-09	Assigned To:	Matthias Hörmann
Updated:	2011-05-05	Due date:	
Subject:	Keys in current schema too long for MySQL		
Description	<p>MySQL only supports key lengths of up to 1000 bytes (MyISAM) or 767 bytes (InnoDB).</p> <p>This means any key using more than one VARCHAR UTF-8 encoded column won't work in MySQL.</p> <p>There is a syntax to limit the part of a text/blob column used in a key to the first n characters but it might not be wise to limit it too much with namespace URIs (as a lot of those probably have similar prefixes if they are published by the same organization).</p> <p>This problem affects both primary and unique keys.</p>		

Associated revisions

Revision ccf6e16f - 2008-09-19 18:25 - Karsten Dambekalns

TYPO3CR: Implemented MySQL testing, vastly improved PostgreSQL testing and wrote install shell script.

- the SQL code contains key lengths for MySQL which are removed by all code that uses the SQL automatically if the database type is not mysql, fixes #1486
- namespace URIs are now stored in TEXT columns, fixes #1484
- MySQL gets it's ANSI_QUOTES option after connection setup in all places where connections are made
- install.sh allows fully automated setup of both production and test databases: MySQL, PostgreSQL, SQLite; calls fixpermissions.sh
- install.sh automatically calls web based database setup via lynx (could be wget if there are problems with the availability of lynx but lynx -dump gives more meaningful output)
- testdb.sh replaces the various db specific tools and is used by install.sh for testdb setup, also allows dumping and cleanup of test databases
- PHP code uses testdb.conf to read test database settings (all except sqlite currently)
- production and testing now use the same database schema file, multi-line statements are now supported by the storage helper too

Patch (mostly) by Matthias Hörmann.

History

#1 - 2008-09-09 11:56 - Matthias Hörmann

substring key notation works for varchar columns too

#2 - 2008-09-12 15:57 - Matthias Hörmann

- Assigned To set to Matthias Hörmann

Resolved in patch sent to Karsten today

#3 - 2008-09-19 19:50 - Karsten Dambekalns

- Status changed from New to Resolved

- % Done changed from 0 to 100

Applied in changeset r1261.