TYPO3.Flow - Bug #35007

Functional tests do not work with MySQL database

2012-03-19 15:15 - Christopher Hlubek

Status:	Resolved		**Start date:**	2012-03-19
Priority:	Must have		**Due date:**	
Assignee:	Karsten Dambekalns		**% Done:**	100%
Category:	- Testing -		**Estimated time:**	0.00 hour
Target version:	1.1			
PHP Version:			**Complexity:**	
Has patch:	No			

Description

If persistence is enabled in functional tests and a MySQL database is configured, I get the following error when executing the test on a clean database:

```
1) Planetflow3\Tests\Functional\Controller\StandardControllerTest::indexActionWithoutParametersDis
playsRecentItems
PDOException: SQLSTATE[42S01]: Base table or view already exists: 1050 Table 'persistence_testenti
ty' already exists

/Volumes/Data/Work/FLOW3/Planetflow3/Packages/Framework/Doctrine.DBAL/Classes/Connection.php:633
/Volumes/Data/Work/FLOW3/Planetflow3/Packages/Framework/Doctrine.ORM/Classes/Tools/SchemaTool.php:
671
/Volumes/Data/Work/FLOW3/Planetflow3/Data/Temporary/Testing/Cache/Code/FLOW3_Object_Classes/TYPO3_
FLOW3_Persistence_Doctrine_PersistenceManager_Original.php:271
/Volumes/Data/Work/FLOW3/Planetflow3/Packages/Framework/TYPO3.FLOW3/Tests/FunctionalTestCase.php:1
19
/Volumes/Data/Work/FLOW3/Planetflow3/Packages/Application/Planetflow3/Tests/Functional/Controller/
StandardControllerTest.php:38
/Volumes/Data/Work/FLOW3/Planetflow3/Packages/Framework/TYPO3.FLOW3/Tests/BaseTestCase.php:49
```

Associated revisions

Revision 019507ae - 2012-04-30 10:51 - Karsten Dambekalns

[BUGFIX] Use lowercase table names to fix functional tests

There seems to be a problem with (certain versions of) MySQL and
lower / uppercase table names (maybe only on case insensitive
filesystems).

This change adjusts some Table annotations used in functional
test fixtures to use lowercase identifier.

Change-Id: I9a73567437864d322210858dc6d0a4736553221a
Fixes: #35007
Releases: 1.1

History

#1 - 2012-03-19 15:51 - Karsten Dambekalns

- Category set to - Testing -

- Status changed from New to Accepted

- Assignee set to Karsten Dambekalns

- Target version set to 1.1

I'll check this.

#2 - 2012-03-19 18:17 - Karsten Dambekalns

- Status changed from Accepted to Needs Feedback

Works for me using a Phoenix setup. Are you sure in your test setup/teardown are called?

#3 - 2012-04-26 13:35 - Christopher Hlubek

This seems to be a problem with MySQL and lower / uppercase table names (maybe only on case insensitive filesystems).

We have to make sure that table names are handled consistently. When creating tables, they are spelled mixed-case (depending on table option). On tearDown the tables are dropped with lowercase.

#4 - 2012-04-26 14:00 - Karsten Dambekalns

I remember we talked about that during T3DD12 - i'll change the table annotation in the fixture and submit a change (or could you do that)?

That would be more of a hotfix - since setup and teardown just use Doctrine Schema tools, it should work the same in both ways, no? Doctrine bug?

#5 - 2012-04-26 14:58 - Christopher Hlubek

I tried to fix that, but it didn't work either (maybe my test database was already "corrupted"). I upgraded from MySQL 5.1.46 to 5.1.61 (Mac Ports) and don't get the problem anymore. But I still think that the annotation should be lowercase for consistency.

#6 - 2012-04-26 15:29 - Karsten Dambekalns

- Status changed from Needs Feedback to Accepted

Ok.

#7 - 2012-04-30 10:51 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at http://review.typo3.org/10885

#8 - 2012-05-01 02:37 - Karsten Dambekalns

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset 019507ae40359ac87558d79178caf1267de21480.