Core - Task # 56086

Epic # 55070 (Accepted): Workpackages

Epic # 54542 (Accepted): WP: Importer / Exporter with relations MM/IRRE/FAL

Story # 55522 (Closed): As a developer I want to ensure that further changes have no negative impact on import or export

Status:	Resolved	**Priority:**	Should have
Author:	Marc Bastian Heinrichs	**Category:**	Unit/Functional Tests
Created:	2014-02-18	**Assigned To:**	
Updated:	2014-02-21	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	
Sprint Focus:	

Subject:	Impexp functional tests do not fail on wrong assertion

Description

Since this commit https://git.typo3.org/Packages/TYPO3.CMS.git/commit/67c4204dcb7131e1ed2b6aa02c2abdec2aa6ce93
from issue #53962

the functional tests in impexp did not fail on wrong assertion.

E.g. if you change a node value in

    typo3/sysext/impexp/Tests/Functional/Fixtures/ImportExport/pages-and-ttcontent.xml

und running the simple import test

    ./typo3conf/ext/phpunit/Composer/vendor/bin/phpunit --colors -v --process-isolation --bootstrap
    typo3/sysext/core/Build/FunctionalTestsBootstrap.php
    typo3/sysext/impexp/Tests/Functional/ImportExport/ExportSimpleTest.php

The test is green, but with 0 assertions

    OK (1 test, 0 assertions)

If I revert the commit the test fails what is right in this case.

    FAILURES!
    Tests: 1, Assertions: 2, Failures: 1.

Confirmed by Anja and Olly.

Related issues:

related to Core - Bug # 53962: Class loader does not cache non existing classes	**Resolved**	2013-11-25
related to Core - Bug # 56187: Add additional configuration for functional tests	**Resolved**	2014-02-21

Associated revisions

Revision 86cef9f8 - 2014-02-21 16:20 - Helmut Hummel

[BUGFIX] Remove class loader in functional test tear down

The functional test teardown does not remove the
class loader but removes the instance directories.
Because of this the TYPO3 class loader is still
triggered (by PHPUnit classes) and tries to write
things to a cache directory that does not exist any more.

Resolves: #56086
Releases: 6.2
Change-Id: Ib6acb588fb8b84c64d04882228822f6398838b6b
Reviewed-on: https://review.typo3.org/27775
Reviewed-by: Helmut Hummel
Tested-by: Helmut Hummel

Revision 9551ac77 - 2014-02-22 15:38 - Helmut Hummel

[TASK] Add additional configuration for functional tests

Our functional test suit does not fail currently when
tested code emits a PHP warning. This is due to the
fact that the factory configuration uses the
production exception handler which silently discards
warnings.

This change adds additional configuration that
is merged with the factory configuration.

In this configuration the TYPO3 exception handling
is disabled and the core and classes cache is
disabled.

Additionally a new property is added to the base
class to easily add some configuration values that
might be needed for the test case.

Resolves: #56187
Related: #56086
Releases: 6.2
Change-Id: I5c7c2c0d495bae06a56d2285b8d521eaa4ab37d2
Reviewed-on: https://review.typo3.org/27773
Reviewed-by: Helmut Hummel
Tested-by: Helmut Hummel

History

#1 - 2014-02-18 16:42 - Marc Bastian Heinrichs

- Status changed from New to Accepted

#2 - 2014-02-18 16:46 - Marc Bastian Heinrichs

- Subject changed from Impexp functional tests did not fail on wrong assertion to Impexp functional tests do not fail on wrong assertion

#3 - 2014-02-18 16:48 - Oliver Hader

That's very strange... I can confirm this behaviour where $this->assertFalse(TRUE) does not lead to failing tests...

#4 - 2014-02-18 16:58 - Marc Bastian Heinrichs

- Parent task set to #55522

#5 - 2014-02-18 18:12 - Marc Bastian Heinrichs

The core DataHandling tests are not affected.

But if you add

    $this->assertTrue(FALSE);

to

    TYPO3\CMS\Core\Tests\Functional\Category\Collection\CategoryCollectionTest::checkIfFromArrayMethodSetCorrectProperties()

you get following error:

    1) TYPO3\CMS\Core\Tests\Functional\Category\Collection\CategoryCollectionTest::checkIfFromArrayMethodSetCorrectProperties
    PHPUnit_Framework_Exception: PHP Fatal error: Uncaught exception 'PHPUnit_Framework_Error_Warning' with message
    'file_put_contents(/home/typo3master/public_html/typo3temp/functional-8715107/typo3temp/Cache/Data/cache_classes/530393bd3daf4.temp): failed to ope
    ): failed to open stream: No such file or directory' in
    /_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Backend/SimpleFileBackend.php:238
    Stack trace:
    #0 [internal function]: PHPUnit_Util_ErrorHandler::handleError(2, 'file_put_conten...', '/_REPOS/Git/TYP...', 238, Array)
    #1 /_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Backend/SimpleFileBackend.php(238):
    file_put_contents('/home/typo3mast...', '')
    #2 /_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Frontend/StringFrontend.php(60):
    TYPO3\CMS\Core\Cache\Backend\SimpleFileBackend->set('typo3_cms_core_...', '', Array, NULL)
    #3 /_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Core/ClassLoader.php(168):
    TYPO3\CMS\Core\Cache\Frontend\StringFrontend->set('typo3_cms_core_...', '')
    #4 [internal function]: in /_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Backend/SimpleFileBackend.php on line
    238

    Fatal error: Uncaught exception 'PHPUnit_Framework_Error_Warning' with message
    'file_put_contents(/home/typo3master/public_html/typo3temp/functional-8715107/typo3temp/Cache/Data/cache_classes/530393bd3daf4.temp): failed to ope
    ): failed to open stream: No such file or directory' in
    /_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Backend/SimpleFileBackend.php on line 238

    PHPUnit_Framework_Error_Warning:
    file_put_contents(/home/typo3master/public_html/typo3temp/functional-8715107/typo3temp/Cache/Data/cache_classes/530393bd3daf4.temp): failed to ope
    : failed to open stream: No such file or directory in
    /_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Backend/SimpleFileBackend.php on line 238

Call Stack:

    5.9686   11310800   1. TYPO3\CMS\Core\Error\AbstractExceptionHandler->handleException(class PHPUnit_Framework_Error_Warning)
/_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Error/AbstractExceptionHandler.php:0

    5.9687   11310888   2. TYPO3\CMS\Core\Error\ProductionExceptionHandler->echoExceptionCLI(class
PHPUnit_Framework_Error_Warning)
/_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Error/AbstractExceptionHandler.php:46

    5.9687   11311016   3. TYPO3\CMS\Core\Error\AbstractExceptionHandler->writeLogEntries(class PHPUnit_Framework_Error_Warning,
string(3)) /_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Error/ProductionExceptionHandler.php:78

    5.9689   11313232   4. TYPO3\CMS\Core\Utility\GeneralUtility::sysLog(string(369), string(29), long)
/_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Error/AbstractExceptionHandler.php:71

    5.9689   11314016   5. TYPO3\CMS\Core\Core\ClassLoader->loadClass(string(34))
/_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Error/AbstractExceptionHandler.php:0

    5.9696   11314264   6. TYPO3\CMS\Core\Cache\Frontend\StringFrontend->set(string(34), string(0), ???, ???)
/_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Core/ClassLoader.php:168

    5.9697   11314448   7. TYPO3\CMS\Core\Cache\Backend\SimpleFileBackend->set(string(34), string(0), array(0), null)
/_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Frontend/StringFrontend.php:60

    5.9701   11314680   8. file_put_contents(string(112), string(0))
/_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Backend/SimpleFileBackend.php:238

    5.9701   11316936   9. PHPUnit_Util_ErrorHandler::handleError(long, string(181), string(96), long, array(5))
/_REPOS/Git/TYPO3/TYPO3.CMS_master/typo3/sysext/core/Classes/Cache/Backend/SimpleFileBackend.php:238

with

    $this->assertTrue(TRUE);

everything is fine.

#6 - 2014-02-21 15:24 - Gerrit Code Review

- Status changed from Accepted 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 https://review.typo3.org/27773

#7 - 2014-02-21 16:09 - Helmut Hummel

Marc Bastian Heinrichs wrote:

> *you get following error:*

These are side effects of a not optimal functional testing bootstrap.

First of all, PHP warnings are discarded by the production exception handler which is active by default.
Because of this many warning that are now triggered are silently ignored

Secondly the functional test teardown does not remove the class loader but removes the instance directories
because of this the TYPO3 class loader is still triggered and tries to write things to a cache directory that does not exist any more.

A temporary workaround is disable caching (at least of core and classes) in functional tests as caching should not happen anyway during testing.

#8 - 2014-02-21 16:18 - Gerrit Code Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/27775

#9 - 2014-02-21 16:30 - Helmut Hummel

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:86cef9f801f557be988b6b4fd6e62c6e772415fd.