

TYPO3.Flow - Bug # 31061

Status:	Resolved	Priority:	Must have
Author:	Adrian Föder	Category:	Utility
Created:	2011-10-18	Assigned To:	Bastian Waidelich
Updated:	2011-10-20	Due date:	
PHP Version:			
Has patch:			
Complexity:			
Affected Flow version:			
Subject:	defective and maybe obsolete is_link() mirror function		
Description			
<p>in \TYPO3\FLOW3\Utility\Files the function is_link is defective. The function returns</p> <pre>return \$normalizedPathAndFilename !== \$normalizedTargetPathAndFilename</pre> <p>in my concrete case the both variables had the values</p> <pre>c:/users/afoeder/phpstormprojects/[...]/flow3/data/temporary/development/cache/data/flow3_monitor/ c:/users/afoeder/phpstormprojects/[...]/flow3/data/temporary/development/cache/data/flow3_monitor</pre> <p>(note the trailing slash at the first one, \$normalizedPathAndFilename). This leads to an incorrect function result and therefore ::emptyDirectoryRecursively does not work because it's relying on that function.</p> <p>Anyhow, this function is a wrapper because of a bug; see the annotation If http://bugs.php.net/bug.php?id=51766 gets fixed we can drop this.</p> <p>This seems fixed, hence the function could be removed and usages can be renamed to the native is_link() function.</p>			

Associated revisions

Revision b306b18a - 2011-10-18 15:03 - Bastian Waidelich

[BUGFIX] make is_link() work around work for paths with trailing slash

On Windows \TYPO3\FLOW3\Utility\Files::is_link() compares the given path with the resolved absolute path due to a bug in the native is_link() implementation.

This fails if the given path ends on a slash because that is stripped of by PHPs realpath() function.

This change strips of any trailing slash before comparing the paths.

Change-Id: I94c53b5fe8dda82c05690cf02286091672d0650e

Resolves: #31061

History

#1 - 2011-10-18 12:17 - Robert Lemke

- Target version changed from 1.0.0 to 1230

#2 - 2011-10-18 12:19 - Karsten Dambekalns

- Status changed from New to Needs Feedback

Bastian, can you confirm this?

#3 - 2011-10-18 12:45 - Bastian Waidelich

- Assigned To set to Bastian Waidelich

Unfortunately on PHP 5.3.5 (on Windows 7 @ 64bit) neither `is_link()` nor `SplFileInfo::isLink()` work correctly..

Steps to reproduce:

- Create a file "test.php":

```
1$linkPathAndFilename = __DIR__ . DIRECTORY_SEPARATOR . 'link.php';
2symlink(__FILE__, $linkPathAndFilename);
3
4var_dump(is_link($linkPathAndFilename));
5
6$fileInfo = new SplFileInfo($linkPathAndFilename);
7var_dump($fileInfo->isLink());
```

Expected: `bool(true) bool(true)`

Actual: `bool(false) bool(false)`

I'll take care of stripping the trailing slash though in `\TYPO3\FLOW3\Utility\Files::is_link()`

#4 - 2011-10-18 12:48 - Bastian Waidelich

Bastian Waidelich wrote:

| *Unfortunately on PHP 5.3.5 (on Windows 7 @ 64bit) neither `is_link()` nor `SplFileInfo::isLink()` work correctly..*

BTW: In trunk this might be fixed (I'll check this), but updating the required PHP version one day before launch would be ..well.. crazy ;)

#5 - 2011-10-18 15:03 - Mr. Hudson

- Status changed from Needs Feedback to Under Review

Patch set 1 of change `I94c53b5fe8dda82c05690cf02286091672d0650e` has been pushed to the review server.

It is available at <http://review.typo3.org/5969>

#6 - 2011-10-18 15:40 - Bastian Waidelich

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:b306b18ac9efcba83ae9525bf470cc020d6d4b34.

#7 - 2011-10-20 01:37 - Karsten Dambekalns

- *Target version changed from 1.2.30 to 1.0.0*