

Core - Bug # 65317

Epic # 65314 (New): PHP7

Status:	Under Review	Priority:	Should have
Author:	Alexander Opitz	Category:	
Created:	2015-02-25	Assigned To:	
Updated:	2015-07-29	Due date:	
TYPO3 Version:	6.2		
PHP Version:	7.0		
Complexity:			
Is Regression:	No		
Sprint Focus:			
Subject:	TypoScriptParserTest::executeValueModifierReturnsModifiedResult		
Description			
<p>TYPO3\CMS\Core\Tests\Unit\TypoScript\Parser\TypoScriptParserTest::executeValueModifierReturnsModifiedResult with data set "sortList sorts a list numeric descending" ('sortList', '10,100,0,20,abc,-20', 'descending,numeric', '100,20,10,0,abc,-20')</p> <p>Failed asserting that two strings are equal.</p> <p>--- Expected</p> <p>+++ Actual</p> <p>@@ @@</p> <p>-'100,20,10,0,abc,-20'</p> <p>+'100,20,10,abc,0,-20'</p> <p> /home/opitz/projects/typo3-master/typo3-src/typo3/sysex/core/Tests/Unit/TypoScript/Parser/TypoScriptParserTest.php:227</p> <p>/home/opitz/projects/neos-git/Packages/Libraries/phpunit/phpunit/phpunit7:56</p> <p> => sort, internally same issue on swap?</p> <p>=> Same on HHVM</p>			

History

#1 - 2015-02-25 11:13 - Alexander Opitz

- Description updated

#2 - 2015-02-26 12:14 - Alexander Opitz

- Description updated

#3 - 2015-06-02 08:57 - Alexander Opitz

- Status changed from New to Accepted

This issue can be forced in the other tests for sortList, by rearranging the \$currentValue in the data provider.

From the PHP documentation of sort

Warning

Be careful when sorting arrays with mixed types values because sort() can produce unpredictable results.

And that's what we get here, as the sorting algorithms are different between PHP5.x and PHP7/HHVM.
By definition of the function the result is not defined.

We have 2 Options:

- Implement a proper solution (which is maybe not so fast)
- Change meaning/documentation of sortList in TypoScript

#4 - 2015-07-29 20:01 - 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 <http://review.typo3.org/42112>

#5 - 2015-07-29 20:35 - 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/42112>