

## TYPO3.Flow - Feature # 52074

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Bastian Waidelich	<b>Category:</b>	Utility
<b>Created:</b>	2013-09-17	<b>Assigned To:</b>	Bastian Waidelich
<b>Updated:</b>	2013-09-23	<b>Due date:</b>	
<b>PHP Version:</b>			
<b>Has patch:</b>	No		
<b>Complexity:</b>			
<b>Subject:</b>	Flexible ArraySorter		
<b>Description</b>			
<p>The <b>ArrayImplementation</b> of the <b>TYPO3.TypoScript</b> package contains a clever mechanism to sort arrays depending on a "position string".</p> <p>This functionality should be moved to the TYPO3.Flow package to allow this kind of flexible sorting in other places.</p> <p>Supported position strings are:</p> <p><b>start (&lt;weight&gt;):</b></p> <p>start start 123</p> <p><b>end (&lt;weight&gt;):</b></p> <p>end end 123</p> <p><b>before &lt;key&gt; (&lt;weight&gt;):</b></p> <p>before foo before foo 123</p> <p><b>after &lt;key&gt; (&lt;weight&gt;):</b></p> <p>after foo after foo 123</p> <p><b>&lt;numerical-order&gt;:</b></p> <p>123</p>			

This feature is especially useful for sorting configuration options with multiple sources.

Example:

```
1 SomeSetting:
2   'key1':
3     foo: 'bar'
4     position: 'start'
5   'key2':
6     foo: 'baz'
7     position: 'after key1'
8   'key3':
9     foo: 'quux'
10  position: 'end'
```

## Associated revisions

Revision 69bd32c6 - 2013-09-23 13:02 - Bastian Waidelich

[FEATURE] Flexible array sorter

Introduces a new utility class ``PositionalArraySorter`` that can be used to sort an array based on a "position string".

This feature is especially useful for sorting configuration options with multiple sources.

Example::

```
SomeSetting:
  'key1':
    foo: 'bar'
    position: 'start'
  'key2':
    foo: 'baz'
    position: 'after key1'
  'key3':
    foo: 'quux'
    position: 'end'
```

possible position strings are:

- start (<weight>)
- end (<weight>)
- before <key> (<weight>)
- after <key> (<weight>)
- <numerical-order>

Usage::

```
$arraySorter = new PositionalArraySorter($unorderedArray);
$orderedArray = $arraySorter->toArray();
```

Change-Id: If7487f8724462a5ff48375eda1085a2831becf5a

Resolves: #52074

Releases: master

## History

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### #1 - 2013-09-17 14:55 - 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 <https://review.typo3.org/23868>

### #2 - 2013-09-17 15:54 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23868>

### #3 - 2013-09-17 16:05 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23868>

### #4 - 2013-09-17 16:59 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23868>

### #5 - 2013-09-17 18:47 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23868>

### #6 - 2013-09-18 16:59 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23868>

### #7 - 2013-09-20 17:12 - Gerrit Code Review

Patch set 7 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23868>

### #8 - 2013-09-23 13:02 - Gerrit Code Review

Patch set 8 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23868>

### #9 - 2013-09-23 13:35 - Bastian Waidelich

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:69bd32c6c0af1bb4ad10b73178a8a4a595db1777.