TYPO3.Fluid - Feature # 43356

Status:	Resolved	Priority:	Should hav	e
Author:	Sebastian Kurfuerst	Category:	Core	
Created:	2012-11-27	Assigned To:	Sebastian ł	Kurfuerst
Updated:	2012-12-07	Due date:		
Has patch:	No			
Subject:	Allow Fluid arrays only in ViewH	elper arguments		
Description				
Allow Fluid arrays	only in ViewHelper arguments			
The following prop	osal would greatly enhance JavaScript	compatibility:		
-	subset of the JavaScript object syntax,	-		
	hem in mixed HTML/JavaScript docum	•		
-	e, the following JavaScript Object was p	arsed by FIUIO:		
var uris = {	'{f:uri.action()}',			
	{f:uri.action()},			
enaPointz. };	נו.מוו.מטווטוו(); ,			
<u>}</u> ,				
Refore this change	e, the above snippet resulted in the follo	wing template as the generat	ed array was cas	sted to a string.
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var uris = Array	4			
		linside		
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Revision ba09ec53 - 2012-11-29 10:14 - Sebastian Kurfuerst

[!!!][FEATURE] Allow Fluid arrays only in ViewHelper arguments

This change greatly enhances the JavaScript compatibility of Fluid.

Fluid Arrays are a subset of the JavaScript object syntax, making it hard to work with them in mixed HTML/JavaScript documents. For example before this change, the following JavaScript Object was parsed by Fluid::

```
var uris = {
    endPoint1: '{f:uri.action(...)}',
    endPoint2: '{f:uri.action(...)}',
};
```

Before this change, the above snippet resulted in the following template, as the generated array was casted to a string: var uris = Array

With this change, Fluid only parses arrays which are used inside ViewHelper arguments, such that an array inside normal text is not converted anymore.

Breaking Change=========

This change is only breaking in very rare cases where one relied on the inner contents of the ViewHelper being an array, f.e. if one used the debug ViewHelper as follows::

<f:debug>{key1: 'value1', key2: 'value2'}</f:debug>

... or if anybody wrote custom ViewHelpers which use this convention.

Relying on that would be very fragile anyways, as the insertion of a single space character before the opening curly bracket or after the closing one would cast the array back to a string.

ViewHelpers which were written like this should be re-written to take the array as ViewHelper argument::

<f:debug value="{key1: 'value1', key2: 'value2'}" />

Change-Id: I5a54a50dd1bb365486c6f59efcb966dc4e441c79 Resolves: #43356 Releases: 1.2

History

#1 - 2012-11-27 17:54 - Sebastian Kurfuerst

- Category set to Core

- Status changed from New to Accepted
- Assigned To set to Sebastian Kurfuerst
- % Done changed from 0 to 80

#2 - 2012-11-27 17:55 - 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 <u>http://review.typo3.org/16818</u>

#3 - 2012-11-27 17:58 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server. It is available at <u>http://review.typo3.org/16818</u>

#4 - 2012-11-28 17:18 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server. It is available at <u>http://review.typo3.org/16818</u>

#5 - 2012-11-29 10:14 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server. It is available at <u>http://review.typo3.org/16818</u>

#6 - 2012-12-07 10:35 - Sebastian Kurfuerst

- Status changed from Under Review to Resolved

- % Done changed from 80 to 100

Applied in changeset commit:ba09ec53d0fc932e4d65a4acfd925398e058b37e.