

## TYPO3.Fluid - Feature # 43356

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Sebastian Kurfuerst	<b>Category:</b>	Core
<b>Created:</b>	2012-11-27	<b>Assigned To:</b>	Sebastian Kurfuerst
<b>Updated:</b>	2012-12-07	<b>Due date:</b>	

**Has patch:** No

**Subject:** Allow Fluid arrays only in ViewHelper arguments

### Description

Allow Fluid arrays only in ViewHelper arguments

The following proposal would greatly enhance JavaScript compatibility:

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:

```
&lt;f:debug&gt;{key1: 'value1', key2: 'value2'}&lt;/f:debug&gt;
```

... 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:

```
&lt;f:debug value="{key1: 'value1', key2: 'value2'}" /&gt;
```

### Related issues:

related to TYPO3.Fluid - Feature # 7608: Configurable shorthand/object access...  
related to TYPO3.Fluid - Bug # 44140: Unlucky JavaScript syntax can break inl...  
duplicated by TYPO3.Fluid - Bug # 45071: Fluid tries to parse inside an in-HT...

<b>New</b>	<b>2010-05-03</b>
<b>Resolved</b>	<b>2012-12-20</b>
<b>Closed</b>	<b>2013-02-01</b>

### Associated revisions

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::

```
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Change-Id: I5a54a50dd1bb365486c6f59efcb966dc4e441c79

Resolves: #43356

Releases: 1.2

## History

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### #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 <http://review.typo3.org/16818>

**#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 <http://review.typo3.org/16818>

**#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 <http://review.typo3.org/16818>

**#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 <http://review.typo3.org/16818>

**#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.