TYPO3.Fluid - Feature # 39682

Status:	Rejected	**Priority:**	Could have
Author:	Adrian Föder	**Category:**	Core
Created:	2012-08-10	**Assigned To:**	
Updated:	2013-07-17	**Due date:**	
Has patch:	No		
Subject:	Disregegard { as Fluid variable when followed by a white space		

Description

This is a reopen of an issue I had long time ago, so, long story short:

There's still the need for some CDATA wrapping when it comes to Javascript object notation, ie curly braces in JavaScript sections.

A great advantage, without much drawback, would be to disregard occurrences of braces that are followed by a white space, a tab or a newline. this means,

    {f:this(is: 'a valid, regarded fluid variable'}
    {so.is.thisVariant}
    whereas
    { that: 'is an open brace followed by a whitespace, hence not a fluid variable'}

this maybe could be extended with every character not being \w or so, resulting in

    {"alsoThis": "won't be fluid"}

Forcing Fluid syntax do directly follow the opening paranthese is legit in my opinion, you can still do

    {f:if(
      condition: 'thisthat',
      then: 'foo',
      else: 'bar'
)};

in MySQL, for example, it's also required to make an open bracket follow the function name immediately: MAX(5, 2) works, while MAX (5,2) won't.

Related issues:

related to TYPO3.Fluid - Bug # 6338: JSON is being parsed as string Array	**Closed**	**2010-02-04**
related to TYPO3.Fluid - Bug # 8879: { } when using as JavaScript	**Closed**	**2010-07-15**

History

#1 - 2012-08-10 12:15 - Alexander Berl

What about Fluid array notation? Would you also unconsider "{ foo: 'bar' }" as invalid array syntax?
IMO that's too much and counter-intuitive, but in my experience also the main problem when fluid syntax is used in Javascript sections (I actually never had a problem with shorthand viewhelper syntaxes).

#2 - 2012-08-10 12:21 - Adrian Föder

yes alex, definitely your example would also be invalid syntax. You then would have to write

```
{foo: 'bar',
  more: 'true',
  etc: 'pp'
}
```

or so. This keeps the rule easy: "*stick* your first character to the brace if you want Fluid. End."

#3 - 2012-08-10 12:23 - Sebastian Kurfuerst
- Status changed from New to Rejected

sorry, I'm strongly against this change going in. Fluid should be whitespace-agnostic.

Instead of introducing these rules, we could make arrays only supported inside Arguments of ViewHelpers, that would also solve most JS clashes.

#4 - 2012-08-10 13:01 - Bastian Waidelich

Hi all,

first I thought "great!" but after thinking about it again, I agree to Sebastians opinion:
Instead of

```
stick your first character to the brace if you want Fluid
```

it should be

```
use CDATA or external files if you want JavaScript in Fluid templates
```

not only is this recommended anyways, but also the solution only defers the issue to a point where you have something like

```
foo: {bar:'baz'}
```

in your script and nothing works suddenly

#5 - 2012-08-10 13:23 - Adrian Föder

great that actually a discussion comes up; Sebastian, no need to sorry, that's why I opened this issue ;)
Sebastian, you brought me to an interesting POV anyways: actually JavaScript really only occurs outside of arguments, hence your suggestion of

> *make arrays only supported inside Arguments of ViewHelpers*

is the exact thing that would be sufficient, because that's the only thing where the problem arises.

Bastian, regarding

> *use CDATA or external files if you want JavaScript in Fluid templates*

I would really like to see an additional option, because especially when attempting to make a Fluid variable part of a JavaScript object notation you'll come up with some heavy, hardly readable "context swapping" with closing and re-opening CDATA blocks.
Could there maybe an additional syntax style for in-javascript ViewHelpers?

But you're right; while writing all this I wonder if it's worth the effort, since currently, if you're aware about how to use Fluid in JS, everything's fine and sufficient...

#6 - 2012-08-10 15:27 - Bastian Waidelich

Adrian Föder wrote:

> *I would really like to see an additional option, because especially when attempting*
> *to make a Fluid variable part of a JavaScript object notation you'll come up with*
> *some heavy, hardly readable "context swapping" with closing and re-opening CDATA blocks.*
> *Could there maybe an additional syntax style for in-javascript ViewHelpers?*

You can always define the Fluid variables **before** the CDATA:

```
1<script type="text/javascript">
2var someSetting = "{settings.someSetting}";
3/* <![CDATA[ */
4  alert(someSetting);
5/* ]]> */
6</script>
```

But even that is deprecated nowadays where you include libraries like jQuery and mootools **after** the body for performance reasons. Unobtrusive JavaScript used to be best practice, but it's standard practice today I'd say.

#7 - 2012-08-10 19:10 - Alexander Berl

I find the idea of only allowing array syntax in viewhelper arguments interesting. It's at least worth a second thought I guess, as I can't see fluid arrays being used anywhere else.

#8 - 2012-08-22 12:47 - Alexander Berl

I took a short peek and could it be that this could easily leviated by removing the arrayHandler case from the if else switch in

\TYPO3\Fluid\Core\Parser\TemplateParser::textAndShorthandSyntaxHandler?