

# TYPO3.Fluid - Feature #3725

## CSS Engine

2009-06-22 21:09 - Sebastian Kurfuerst

<b>Status:</b>	New	<b>Start date:</b>	2009-06-22
<b>Priority:</b>	Could have	<b>Due date:</b>	
<b>Assignee:</b>	Christian Müller	<b>% Done:</b>	0%
<b>Category:</b>	ViewHelpers	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Has patch:</b>	No		

**Description**

It would be great to have a CSS engine like lesscss, or integrate css cacheer.

<http://lesscss.org/index.html>  
[http://www.shauninman.com/archive/2008/05/30/check\\_out\\_css\\_cacheer](http://www.shauninman.com/archive/2008/05/30/check_out_css_cacheer)

This idea was originally proposed by Jens Hoffmann, and I think it can be fully realized as ViewHelpers.

Greets,  
Sebastian

### History

#### #1 - 2009-06-30 09:20 - Christian Müller

- Assignee set to Christian Müller

I will try to convert the CSS Cacheer into a ViewHelper. LessCSS looks nice (especially syntax) but all the features are also in CSS Cacheer and it seems easier to me, because it is already PHP. Maybe we can transfer the syntax to CSS Cacheer in a second step.

#### #2 - 2009-06-30 09:46 - Sebastian Kurfuerst

- Target version set to 1.0

Hi Christian,  
that sounds really like a good plan! I'd suggest you'd develop the ViewHelper for FLOW3 first, and then we'll see if we can include it in the automatic backporting.

Greets,  
Sebastian

#### #3 - 2009-07-27 11:14 - Robert Lemke

- Target version deleted (1.0)

#### #4 - 2011-05-05 18:29 - Sebastian Kurfuerst

- Tracker changed from Feature to Story

- Priority changed from Should have to Could have

#### #5 - 2011-05-06 11:03 - Sebastian Kurfuerst

- Tracker changed from Story to Feature

#### #6 - 2012-06-18 20:13 - Jacob Floyd

If you're going to make a "CSS Engine", make an interface type thing that makes it easy to implement other css pre-processors as well. I've seen both LESS and SASS used by various TYPO3 community members. Cacheer might be interesting too.

I'd imagine that the ViewHelper could either process stuff itself (allowing for inclusion of Fluid Variables and other ViewHelpers) or just pass the files off to an external processor (maybe a command line utility for less or sass), or maybe it could include a javascript file to compile the css in Developer context, but it pre-compiles the css in production context.

How would that work? I dunno. Maybe one of these (or some combination):  
everything in a directory:

```
<f:css directory="Resource://Private/Stylesheets/less/" type="less"/>
<f:less directory="Resource://Private/Stylesheets/less/" />
<f:sass directory="Resource://Private/Stylesheets/sass/" />
<f:css.less directory="Resource://Private/Stylesheets/less/" />
<f:css.sass directory="Resource://Private/Stylesheets/sass/" />
```

Or per file:

```
<f:css resource="Resource://Private/Stylesheets/less/layout.less" type="less"/>
<f:less directory="Resource://Private/Stylesheets/less/layout.less" />
<f:sass directory="Resource://Private/Stylesheets/sass/layout.scss" />
<f:css.less directory="Resource://Private/Stylesheets/less/layout.less" />
<f:css.sass directory="Resource://Private/Stylesheets/sass/layout.scss" />
```

Or included directly

```
<f:css.cacheer>
@base (baseName)
{
    propertyName: {myCoolFluidVariable};
    propertyName: propertyValue;
    propertyName: propertyValue;
}
</f:css.cacheer>
```

I think I like the "css.{engine}" syntax best - it feels most FLOW3ish. css.less, css.sass, css.cacheer...

#### #7 - 2012-06-18 21:00 - Jacob Floyd

Or, instead of using:

```
<f:css.{engine}.../>
```

Perhaps this would make more sense:

```
<f:style.{engine}.../>
```

#### #8 - 2014-04-03 11:12 - Lorenz Ulrich

Has there been any progress on this feature?

#### #9 - 2014-04-03 13:24 - Christian Müller

- Has patch set to No

No this could be tackled again after the reworked resource management is merged.

<https://review.typo3.org/#/q/status:open+topic:resource-management.n.z>