TYPO3.Fluid - Bug # 29603

Status:	Closed	**Priority:**	Must have
Author:	Andreas Förthner	**Category:**	Core
Created:	2011-09-09	**Assigned To:**	
Updated:	2012-06-01	**Due date:**	
Has patch:	No		
Affected Flow version: FLOW3 1.0.0			
Subject:	__toString() usage for rendering the compiled Fluid template breaks the concept of security exceptions		

Description

PHP does not allow to throw exceptions within a __toString() method. Therefore security exception don't work while rendering the Fluid template. We somehow have to call a method to render a node and not just concatenate the objects as string and use the interal __toString() functionality. This is a really stupid PHP behaviour, that is documented here:
http://php.net/manual/en/migration52.incompatible.php

History

#1 - 2011-09-09 15:36 - Andreas Förthner

- Subject changed from __toString() usage for rendering in the compiled Fluid template breaks the concept of security exceptions to __toString() usage for rendering the compiled Fluid template breaks the concept of security exceptions

#2 - 2011-09-09 16:13 - Bastian Waidelich

Do you have an example where objects are concatenated in a compiled template?

#3 - 2011-09-09 16:17 - Andreas Förthner

Ah sorry ;-) This is done in line 322 of the TemplateCompiler.

$initializationPhpCode .= sprintf('%s .= %s;', $outputVariableName, $converted['execution']) . chr(10);

#4 - 2011-10-20 01:48 - Karsten Dambekalns

- Target version changed from 1.0.0 to 1.0.1

#5 - 2011-10-21 13:37 - Karsten Dambekalns

- Affected Flow version set to FLOW3 1.0.0

#6 - 2011-11-22 12:48 - Karsten Dambekalns

- Target version changed from 1.0.1 to 1.0.2

#7 - 2011-12-22 08:52 - Karsten Dambekalns

- Target version changed from 1.0.2 to 1.0.3

#8 - 2012-03-07 18:51 - Karsten Dambekalns

- Target version changed from 1.0.3 to 1.0.4

#9 - 2012-04-18 22:45 - Karsten Dambekalns

- Target version changed from 1.0.4 to 1.0.5

#10 - 2012-05-31 14:04 - Sebastian Kurfuerst

- Status changed from New to Needs Feedback

I fear that I need more feedback in here.

Inside fluid, __toString is definitely never used.

Could it have something to do with the old TypoScript? If yes, that has been quite sure fixed with the new TS.

#11 - 2012-05-31 14:25 - Andreas Förthner

Hi Sebastian,

I'm currently checking this, probably you are right, that this was only a problem with the old TS rendering.

I'll give you more feedback a soosn as I have verified this.

#12 - 2012-06-01 10:54 - Andreas Förthner

- Status changed from Needs Feedback to Closed

After looking at it and discussing it once again with my colleague, this was probably fixed somewhen along the way. When I created the issue view helpers got rendered by an implicit cast of the VH object in a string concatenation. This seems not to be the case anymore, now initializeArgumentsAndReder() is called explicitly. Therefore I consider this issue not present anymore and close this ticket.