

## TYPO3 Core - Bug #36820

### FLUIDTEMPLATE - Serialization of 'Closure' is not allowed

2012-05-03 21:21 - Oliver Hader

<b>Status:</b>	Closed	<b>Start date:</b>	2012-05-03
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Oliver Hader	<b>% Done:</b>	100%
<b>Category:</b>	Content Rendering	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.6.9	<b>Complexity:</b>	
<b>TYPO3 Version:</b>	4.6	<b>Is Regression:</b>	
<b>PHP Version:</b>	5.3	<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

A tricky one that was reported for the YAG extension as well.

What you need:

- FLUIDTEMPLATE
- COA\_INT or USER\_INT

Example:

```
page.20 = FLUIDTEMPLATE
page.20 {
    file = fileadmin/fluid.html
    partialRootPath = fileadmin/Partials/
}
```

```
page.30 = COA_INT
page.30.10 = TEXT
page.30.10.value = TEST
```

Contents of the Fluid Template file (fileadmin/fluid.html):

```
<f:render partial="Test" />
```

Contents of the Test partial (fileadmin/Partials/Test.html):

```
HELLO WORLD
```

Now, call the page (to have it cached) and then call another page that uses that cache - you should see a nice error/exception for handling the COA\_INT.

Explanation:

- The Partial handling in the RenderViewHelper will store a compiled version, using Closure in the cache
- Thus, the first call works, but the second one, using the cache will use the Closure
- The serialize(\$this->cObj) in COA\_INT will stumble over the Closure deep down in cObj and fail

Closures have been introduced in Fluid with TYPO3 4.6.

#### Associated revisions

**Revision 837fb6ae - 2012-07-03 22:20 - Oliver Hader**

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The Fluid TemplateCompiler uses closures to store a cached variant of the accordant Fluid node. Several calls in Fluid use serialize() and also will process those closures, which

will end up in a PHP fatal error.

The most obvious part is the object manager which will then try to serialize all objects - including closures - that are available in the object container.

The problem can be circumvented by using accordant magic PHP methods like `__sleep()` and `__wakeup()` to ignore those properties.

Change-Id: I70e78a09b2a118cc26f099063743c530f0addc72  
Fixes: #32295  
Related: #36820  
Releases: 6.0, 4.7, 4.6

#### **Revision 7e63fe16 - 2012-07-03 22:20 - Oliver Hader**

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Fixes: #32295  
Related: #36820  
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#### **Revision be0c7cb2 - 2012-07-03 22:26 - Oliver Hader**

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Change-Id: I00b769860465632e397c9c707f0da5d3d52ae1dd  
Fixes: #32295  
Related: #36820  
Releases: 6.0, 4.7, 4.6

#### **Revision 0ffad327 - 2012-07-03 22:26 - Oliver Hader**

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Fixes: #32295  
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Releases: 6.0, 4.7, 4.6

**Revision ec9a0f3e - 2012-07-03 22:37 - Oliver Hader**

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Change-Id: I785d472b6a9348dc873d657c1d0d07eb2b83bfda  
Fixes: #32295  
Related: #36820  
Releases: 6.0, 4.7, 4.6

**Revision da63d294 - 2012-07-03 22:37 - Oliver Hader**

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Fixes: #32295  
Related: #36820  
Releases: 6.0, 4.7, 4.6

**Revision 15d99ae6 - 2012-07-16 10:45 - Oliver Hader**

[BUGFIX] FLUIDTEMPLATE - Serialization of 'Closure' is not allowed

When using FLUIDTEMPLATE and COA\_INT or USER\_INT on the same level and partials are used in the Fluid template, then there will be Closures. COA\_INT and USER\_INT are going to serialize the `cObj`, which fails when a Closure shall be processed.

Since the Closures have been collected in `$cObj->contentObjects` the fix is to use a cloned version of the `cObj` which does not contain these `contentObjects` anymore for COA\_INT and USER\_INT.

Change-Id: I5c1f9b01caef1df5077955bd7fa6e879e41ca854  
Fixes: #36820  
Related: #32295  
Releases: 6.0, 4.7, 4.6  
Reviewed-on: <http://review.typo3.org/10979>  
Reviewed-by: Susanne Moog  
Tested-by: Susanne Moog  
Reviewed-by: Helmut Hummel  
Tested-by: Helmut Hummel  
Reviewed-by: Benjamin Mack  
Tested-by: Benjamin Mack

**Revision 6ac16ed8 - 2012-07-28 16:00 - Oliver Hader**

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Fixes: #36820  
Related: #32295  
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Reviewed-by: Susanne Moog  
Tested-by: Susanne Moog  
Reviewed-by: Helmut Hummel  
Tested-by: Helmut Hummel  
Reviewed-by: Benjamin Mack  
Tested-by: Benjamin Mack

#### **Revision a45fe335 - 2012-10-13 15:31 - Oliver Hader**

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Change-Id: Ib3d69da33940c05708b29efa42cddf521af9014b  
Fixes: #36820  
Related: #32295  
Releases: 6.0, 4.7, 4.6  
Reviewed-on: <http://review.typo3.org/13896>  
Reviewed-by: Wouter Wolters  
Tested-by: Wouter Wolters  
Reviewed-by: Steffen Ritter  
Tested-by: Steffen Ritter

#### **Revision 51c3f8fb - 2012-10-16 10:49 - Oliver Hader**

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Change-Id: I03dada20a133474f5260d432cbf75fd29c2b11e7  
Fixes: #36820  
Related: #32295  
Releases: 6.0, 4.7, 4.6  
Reviewed-on: <http://review.typo3.org/13897>  
Reviewed-by: Stefan Neufeind  
Reviewed-by: Xavier Perseguers  
Tested-by: Xavier Perseguers

## **History**

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### **#1 - 2012-05-03 21:22 - Oliver Hader**

- Target version changed from 4.5.16 to 4.6.9
- TYPO3 Version changed from 4.5 to 4.6

### **#2 - 2012-05-03 21:26 - Oliver Hader**

- Status changed from New to Accepted

**#3 - 2012-05-03 21:32 - 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/10979>

**#4 - 2012-06-05 23:42 - Gerrit Code Review**

Patch set 2 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/10979>

**#5 - 2012-06-05 23:51 - Gerrit Code Review**

Patch set 3 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/10979>

**#6 - 2012-07-16 11:30 - Oliver Hader**

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset [15d99ae60cfbde7f8411f1aa7a44ad85f79ed5ee](#).

**#7 - 2017-10-24 14:07 - Riccardo De Contardi**

- *Status changed from Resolved to Closed*