

## TYPO3.Fluid - Bug #35894

### CheckboxViewHelper and RadioViewHelper missing an existence check for formObject, and thus an exception is being thrown

2012-04-12 12:08 - Sebastian Wojtowicz

<b>Status:</b>	Resolved	<b>Start date:</b>	2012-04-12
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>	Sebastian Wojtowicz	<b>% Done:</b>	100%
<b>Category:</b>	ViewHelpers	<b>Estimated time:</b>	0.10 hour
<b>Target version:</b>	1.1 RC1		
<b>Has patch:</b>	No		

**Description**

Scenario:

Controller:

```
indexAction(FormObject $formObject = NULL) { ... }
```

Template:

```
<f:form ... object="{formObject}" >
  <f:form.checkbox property="somePropertyOfFormObject" value="yes"/>
  ...
</f:form >
```

This scenario fails with

```
#1243325768: No value found for key "TYPO3\Fluid\ViewHelpers\FormViewHelper->formObject"
```

The problem is that in the CheckboxViewHelper and the RadioViewHelper we call `$this->getPropertyValue()` which calls `$formObject = $this->viewHelperVariableContainer->get('TYPO3\Fluid\ViewHelpers\FormViewHelper', 'formObject')`; even though we did not check if the formObject exists, so that instead we get thrown an exception.

For example in CheckboxViewHelper.php, Line 80 before we call `getPropertyValue()` we only check

```
if ($this->isObjectAccessorMode())
```

while all other [InputType]ViewHelper always check (in the `getValue()` function):

```
if ($this->isObjectAccessorMode() && $this->viewHelperVariableContainer->exists('TYPO3\Fluid\ViewHelpers\FormViewHelper', 'formObject'))
```

So I think that in CheckboxViewHelper, Line 80 and in RadioViewHelper, Line 81 there should also be the same check for the existence of the formObject. Unless someone knows of a better place to inject that bugfix.

#### Associated revisions

##### Revision cbe93048 - 2012-06-18 15:22 - Rens Admiraal

[BUGFIX] Fix unusable checkbox/radio if formObject is NULL

When using a form object inside of a form view helper inside an index action template and a checkbox is referring to a property \$sth of \$someFormObject, the form object can be NULL with code like:

```
indexAction(\Some\Type $someFormObject = NULL) { ... }

<lt;f:form ... object="{someFormObject}"&gt;
  <lt;f:form.checkbox property="{sth}" value="yes" checked="{sth.value} == yes"/&gt;
  <lt;/f:form&gt;
```

Initially calling the index action makes someFormObject NULL. If the submitted form had validation errors someFormObject is NULL, too. This possibility

was ignored in a call for the formObject from within the CheckboxViewHelper as well as from the RadioViewHelper.

So you would get an exception telling you  
No value found for key "TYPO3\Fluid\ViewHelpers\FormViewHelper->formObject"

This change fixes that bug and thus also sets the checkbox and radio "checked" attribute properly when a validation error occurred.

Change-Id: I3d272504927fb9401e9cadc974b6b6c57ac08b6b  
Fixes: #35894  
Releases: 1.1, 1.2

### Revision dec3b187 - 2012-06-18 17:36 - Rens Admiraal

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When using a form object inside of a form view helper inside an index action template and a checkbox is referring to a property \$sth of \$someFormObject, the form object can be NULL with code like:

```
indexAction(\Some\Type $someFormObject = NULL) { ... }  
  
&lt;f:form ... object="{someFormObject}"&gt;  
  &lt;f:Form.checkbox property="{sth}" value="yes" checked="{sth.value} == yes"/&gt;  
&lt;/f:form&gt;
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Initially calling the index action makes someFormObject NULL. If the submitted form had validation errors someFormObject is NULL, too. This possibility was ignored in a call for the formObject from within the CheckboxViewHelper as well as from the RadioViewHelper.

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## History

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### #1 - 2012-04-18 22:45 - Karsten Dambekalns

- Target version changed from 1.0.4 to 1.0.5

### #2 - 2012-05-26 02:59 - Sebastian Wojtowicz

- Target version changed from 1.0.5 to 1.1 beta 2

- % Done changed from 0 to 10

The problem is that we get formObject = NULL

1. ... if we visit the index action
2. ... if the form submit fails

So upper code changes fix the exception, but at least the checkbox code doesn't seem to expect this and so the automatic checked=checked or not checked setting reflecting the last submitted form values simply does not work. So this needs to be fixed as well.

### #3 - 2012-05-26 03:26 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/11637>

### #4 - 2012-05-26 03:30 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/11637>

### #5 - 2012-05-26 03:31 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/11637>

**#6 - 2012-05-30 12:58 - Karsten Dambekalns**

- Assignee set to Sebastian Wojtowicz

**#7 - 2012-05-30 22:37 - Gerrit Code Review**

Patch set 4 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/11637>

**#8 - 2012-05-31 13:51 - Karsten Dambekalns**

- Target version changed from 1.1 beta 2 to 1.1 RC1

**#9 - 2012-06-07 11:43 - Gerrit Code Review**

Patch set 5 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/11637>

**#10 - 2012-06-18 10:53 - Gerrit Code Review**

Patch set 6 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/11637>

**#11 - 2012-06-18 15:19 - Gerrit Code Review**

Patch set 7 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/11637>

**#12 - 2012-06-18 15:22 - Gerrit Code Review**

Patch set 8 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/11637>

**#13 - 2012-06-18 15:41 - Gerrit Code Review**

Patch set 1 for branch **FLOW3-1.1** has been pushed to the review server.  
It is available at <http://review.typo3.org/12164>

**#14 - 2012-06-18 17:20 - Gerrit Code Review**

Patch set 2 for branch **FLOW3-1.1** has been pushed to the review server.  
It is available at <http://review.typo3.org/12164>

**#15 - 2012-06-18 17:36 - Gerrit Code Review**

Patch set 3 for branch **FLOW3-1.1** has been pushed to the review server.  
It is available at <http://review.typo3.org/12164>

**#16 - 2012-06-18 17:38 - Rens Admiraal**

- Status changed from Under Review to Resolved

- % Done changed from 10 to 100

Applied in changeset [dec3b187b6db773a5a84dec70918c22f428cb994](http://review.typo3.org/12164).