

TYPO3.Fluid - Bug # 31667

Status:	Resolved	Priority:	Should have
Author:	Sebastian Kurfuerst	Category:	Widgets
Created:	2011-11-08	Assigned To:	Sebastian Kurfuerst
Updated:	2011-11-12	Due date:	
Has patch:	No		
Affected Flow version:	FLOW3 1.0.0		
Subject:	AJAX widgets broken when called inside a loop		
Description	<p>As ViewHelpers are supposed to be stateless they were create once per RenderingContext and reused whenever the RenderingContext fits. Some ViewHelpers are not stateless, e.g. AJAX widgets.</p> <p>AJAX widgets push their WidgetContext into an AjaxWidgetContextHolder before they get rendered.</p> <p>As soon as AJAX-WidgetViewHelpers were used multiple times within the same RenderingContext (widgets in ForViewHelpers for example) differet widgets share the same ViewHelper containing the same WidgetContext. Because the WidgetContext contains all statefull information about a widget, only the last rendered widget gets stored in the ContextHolder. That makes equal AJAX widgets within a for-loop impossible because each GUI representation interacts with only the last rendered PHP object.</p>		

Associated revisions

Revision e4507941 - 2011-11-08 12:11 - Stephan Schuler

[FEATURE] Widgets: Reset WidgetViewHelpers when being reused from ViewHelperNode

- Introduce an AbstractViewHelper::resetState method to handle any kind of statefull interaction, empty by default.
- Make ViewHelperNode call resetState when reusing a ViewHelper, and also call it when reusing it in a compiled template.
- AbstractWidgetViewHelper implements resetState for creating a new WidgetContext object.

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each GUI representation interacts with only the last rendered PHP object.

A test case has been committed to Viewhelpertest with <http://review.typo3.org/6594>

Resolves: #31667

Release: 1.0, 1.1

Change-Id: I543fd9771b3c5f9d7b9693980f3b1c17dff28996

Revision 79e1d935 - 2011-11-12 20:58 - Stephan Schuler

[BUGFIX] Reset WidgetViewHelpers when being reused from ViewHelperNode

- Introduce an AbstractViewHelper::resetState method to handle any kind of stateful interaction, empty by default.
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As ViewHelpers are supposed to be stateless they were create once per RenderingContext and reused whenever the RenderingContext fits.

Some ViewHelpers are not stateless, e.g. AJAX widgets.

AJAX widgets push their WidgetContext into an AjaxWidgetContextHolder before they get rendered.

As soon as AJAX-WidgetViewHelpers were used multiple times within the same RenderingContext (widgets in ForViewHelpers for example) different widgets share the same ViewHelper containing the same WidgetContext.

Because the WidgetContext contains all stateful information about a widget, only the last rendered widget gets stored in the ContextHolder.

That makes equal AJAX widgets within a for-loop impossible because

each GUI representation interacts with only the last rendered PHP object.

A test case has been committed to Viewhelpertest with <http://review.typo3.org/6594>

Change-Id: I7b0b1779079d4e48399d8db4981f2e6a24ebe536

Fixes: #31667

Release: 1.0, 1.1

History

#1 - 2011-11-08 11:41 - Sebastian Kurfuerst

- Status changed from New to Under Review

see <https://review.typo3.org/#change,2602>

#2 - 2011-11-08 12:05 - Mr. Hudson

Patch set 3 of change I543fd9771b3c5f9d7b9693980f3b1c17dff28996 has been pushed to the review server.

It is available at <http://review.typo3.org/2602>

#3 - 2011-11-08 12:07 - Sebastian Kurfuerst

Please use <http://review.typo3.org/6594> for testing

#4 - 2011-11-08 12:08 - Mr. Hudson

Patch set 4 of change I543fd9771b3c5f9d7b9693980f3b1c17dff28996 has been pushed to the review server.

It is available at <http://review.typo3.org/2602>

#5 - 2011-11-08 12:11 - Mr. Hudson

Patch set 5 of change I543fd9771b3c5f9d7b9693980f3b1c17dff28996 has been pushed to the review server.

It is available at <http://review.typo3.org/2602>

#6 - 2011-11-08 12:36 - Stephan Schuler

- Status changed from *Under Review* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset commit:e45079412d945aab812a48933ea5c3ff362e0b08.

#7 - 2011-11-12 20:56 - Karsten Dambekalns

- Category set to *Widgets*

- Assigned To set to *Sebastian Kurfuerst*

- Target version set to *1.0.1*