

TYPO3 Core - Feature #66907

Add possibility to the FLUIDTEMPLATE Content Object to do data processing before rendering

2015-05-12 08:58 - Patrick Broens

Status:	Closed	Start date:	2015-05-12
Priority:	Should have	Due date:	
Assignee:	Patrick Broens	% Done:	100%
Category:	Frontend	Estimated time:	0.00 hour
Target version:		Complexity:	easy
PHP Version:		Sprint Focus:	
Tags:			

Description

Sometimes it is needed or can be very helpful to do processing on the \$data variable of a content element. Some content elements, provided by the core, are using constructs which Fluid can not handle out of the box, like tt_content.table. The contents of the table is entered in the field 'bodytext' as a CSV string. It would be great when this string is transformed into an array before sending it to the view. Using a viewhelper for this is architectural not a good solution.

We should introduce a way to connect your own data processors to the content object using TypeScript, like

```
my_custom_ctype = FLUIDTEMPLATE
my_custom_ctype {
    templateName = CustomName
    settings {
        extraParam = 1
    }
    dataProcessing {
        1 = TYPO3\CMS\Frontend\DataProcessing\MyFirstCustomProcessor
        2 = TYPO3\CMS\Frontend\DataProcessing\MySecondCustomProcessor
        2 {
            options {
                myOption = SomeValue
            }
        }
    }
}
```

This way the data processing is extendible and can be called by multiple extensions if necessary. Using TypeScript instead of a hook makes it more flexible and better understandable for integrators.

Related issues:

Related to TYPO3 Core - Feature #67658: Introduce DataProcessors for FLUIDTEM...	Closed	2015-06-21
Related to TYPO3 Core - Feature #67890: Redesign FluidTemplateDataProcessorIn...	Closed	2015-07-02

Associated revisions

Revision 46fd9abd - 2015-05-21 15:43 - Patrick Broens

[FEATURE] Add Data Processing to FLUIDTEMPLATE content object

The content object FLUIDTEMPLATE is extended with `dataProcessing`. With this setting you can add full namespace class references, which can manipulate the \$data variable of the current rendered content object, like tt_content or page, before assigning this variable to the view.

Change-Id: I757db37d86e1cf907de0116c3c63effc5270a3c1

Resolves: #66907

Releases: master

Reviewed-on: <http://review.typo3.org/39519>

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History

#1 - 2015-05-12 08:58 - Patrick Broens

- Description updated

#2 - 2015-05-12 09:20 - Patrick Broens

- Description updated

#3 - 2015-05-12 09:21 - Patrick Broens

- Description updated

#4 - 2015-05-13 10:03 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/39519>

#5 - 2015-05-19 20:40 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/39519>

#6 - 2015-05-19 22:38 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/39519>

#7 - 2015-05-20 08:46 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/39519>

#8 - 2015-05-20 09:33 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/39519>

#9 - 2015-05-20 09:46 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/39519>

#10 - 2015-05-21 16:00 - Patrick Broens

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [46fd9abd3029f85529b8fba6ef21c633b42ae2df](#).

#11 - 2018-10-02 11:44 - Benni Mack

- Status changed from Resolved to Closed