

## TYPO3 Core - Bug #80412

### API Based content element registration is not compatible with fluid\_styled\_content.

2017-03-23 11:04 - Benjamin Kott

<b>Status:</b>	Closed	<b>Start date:</b>	2017-03-23
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	8 LTS	<b>Complexity:</b>	
<b>TYPO3 Version:</b>	8	<b>Is Regression:</b>	No
<b>PHP Version:</b>		<b>Sprint Focus:</b>	Stabilization Sprint
<b>Tags:</b>			

#### Description

I stumbled over an inconsistency in the frontend rendering definitions. This time it's the API based registration of content elements with `Extbase` and `addPtoST43`.

Problem is that `fluid_styled_content` and `css_styled_content` have different needs for structuring the typoscript definitions for content element rendering when it comes to user functions.

The generated structure is always more or less the same for now.

```
...
tt_content.myce = COA
tt_content.myce {
    10 =< lib.stdheader
    20 =< plugin.myContent
}
...
```

This means that a rendering the header relies hardly on the existence of `lib.stdheader`, that is not available anymore in `fluid_styled_content`. Even if we would make it available again the wrapping divs, anchors, frames, spacebefore, spaceafter, linktotop etc. will still be missing for the registered content elements.

Unlike plugins, content elements do not have a single ctype that we can easily modify by adapting it later in the rendering definition of `fluid_styled_content` because we do not know the keys and blindly iterating over the typoscript and guessing what will happen could lead to very unwanted results and missbehavior.

We still have to support `css_styled_content` and `fluid_styled_content` we have to find a solution that fits both and is not heavily breaking. I've already tried a lot, and I think I have a working solution that fits all needs. Still we need to change stuff a bit.

Idea is that we utilize a new typoscript lib object that is existing in both `css_styled_content` and `fluid_styled_content`. Its more or less the same that we already have with `lib.fluidContent`` but with a more generic naming like `lib.contentElement``. This would ensure it can be used across all rendering definitions without being too explicit about the naming, and can be adjusted to the needs of the content rendering definitions – that means a twig integration would not need to fiddle around with `lib.fluidContent`` so we can avoid confusions now and probably do not need to change it again in the future.

Adjustments on PHP Side would be rather easy.

```
...
tt_content.myce = < lib.contentElement
tt_content.myce {
    templateName = Generic
    20 = < plugin.myContent
}
...
```

In short that means we just add `10 <= lib.stdheader`` with the for `css_styled_content`, since COA has no use for `templateName`, it will simply be ignored and everything works as before. It will be no breaking here.

For `fluid_styled_content` we would rename `lib.fluidContent`` to `lib.contentElement`` and make `lib.fluidContent`` available again as copy of `lib.contentElement`` so that we avoid break custom content elements that currently utilize `lib.fluidContent``.

Worst thing that can happen here is that the typoscript constants for template path adjustments were ignored and lib.fluidContent was modified directly. Migration would be rename your adjustments from lib.fluidContent to lib.contentElement.

Please see review for this issue.

#### Related issues:

Related to TYPO3 Core - Task #84712: Drop compatibility layer for lib.fluidCo...

Closed

2018-04-13

#### Associated revisions

##### Revision a1b592f6 - 2017-03-30 04:46 - Benjamin Kott

[!!!][BUGFIX] Resolve API based content element registration inconsistency

To solve an inconsistency issue for API based content element registration between CSS Styled Content (CSC) and Fluid Styled Content (FSC) through `Extbase` or `addPtoST43` we are now introducing a new shared content object for content elements and drop the active usage of lib.fluidContent.

The generated code relied on the existence of the removed lib.stdheader and also ignored layouts, frames, spacebefore, spaceafter in context of Fluid Styled Content.

For content element registration lib.contentElement is now used for CSC and FSC and replaces the usage of lib.fluidContent. The generated code was slightly adjusted to match the requirements of all content rendering definitions and can be adapted to the specific needs of a content element rendering definition anytime since a reference is used now instead of a hard definition.

Resolves: #80412

Resolves: #80095

Releases: master

Change-Id: I680a8968ad63774bc50a52f95ddb89d6f524dd15

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##### Revision 9c8728c8 - 2018-04-14 15:25 - Benjamin Kott

[TASK] Drop compatibility layer for lib.fluidContent

Resolves: #84712

Related: #80412

Releases: master

Change-Id: Ia7b650eedcd05f45e5f542e81e5a263ec5cad0d3

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#### History

##### #1 - 2017-03-23 11:05 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/52132>

##### #2 - 2017-03-27 13:51 - 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 <https://review.typo3.org/52132>

**#3 - 2017-03-27 13:53 - 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 <https://review.typo3.org/52132>

**#4 - 2017-03-27 14:26 - 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 <https://review.typo3.org/52132>

**#5 - 2017-03-28 15:30 - Gerrit Code Review**

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/52132>

**#6 - 2017-03-28 23:42 - Gerrit Code Review**

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/52132>

**#7 - 2017-03-29 19:50 - Gerrit Code Review**

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/52132>

**#8 - 2017-03-30 05:00 - Anonymous**

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

- % Done changed from 0 to 100

Applied in changeset [a1b592f61f3d2bb3a2164cf363c3d815e9b7f8b3](#).

**#9 - 2017-10-17 23:29 - Riccardo De Contardi**

- Status changed from *Resolved* to *Closed*

**#10 - 2018-04-13 12:25 - Mathias Brodala**

- Related to Task #84712: Drop compatibility layer for *lib.fluidContent* added