

## TYPO3 Core - Task #94285

### Avoid ObjectManager in ext:fluid RenderingContext

2021-06-08 09:59 - Christian Kuhn

<b>Status:</b> Closed	<b>Start date:</b> 2021-06-08
<b>Priority:</b> Should 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>	<b>Complexity:</b>
<b>TYPO3 Version:</b> 11	<b>Sprint Focus:</b>
<b>PHP Version:</b>	
<b>Tags:</b>	
<b>Description</b>	
<b>Related issues:</b>	
Related to TYPO3 Core - Task #90803: Mark ObjectManager::get deprecated	<b>Closed</b> <b>2020-03-21</b>
Related to TYPO3 Core - Task #94292: Avoid ObjectManager in ext:fluid ViewHel...	<b>Closed</b> <b>2021-06-09</b>
Related to TYPO3 Core - Task #96271: RenderingContext must use factory	<b>Resolved</b> <b>2021-12-07</b>

#### Associated revisions

##### Revision 04d844fc - 2021-06-09 16:05 - Christian Kuhn

[TASK] Avoid ObjectManager in ext:fluid RenderingContext

RenderingContext is a good case for a class that creates "arbitrary" objects: The PreProcessor class names are retrieved from global configuration in order to be instantiated.

This initialization is moved into a (install tool mode compatible) factory in order to transform ObjectManager into a fallback layer for PreProcessors that are not defined in the newer PSR container. Therefore \$container->has() is used prior to \$container->get(), in order to fallback to ObjectManager for objects that can't be retrieved – due to missing configuration – via ContainerInterface yet.

Resolves: #94285

Related: #90803

Releases: master

Change-Id: I3fd1751b8580de7c8307e9b84da38e1551c2c622

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+/-/69412>

Tested-by: core-ci <[typo3@b13.com](mailto:typo3@b13.com)>

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Reviewed-by: Christian Kuhn <[lolli@schwarzbu.ch](mailto:lolli@schwarzbu.ch)>

##### Revision 669ab638 - 2021-06-17 18:59 - Christian Kuhn

[TASK] Avoid ObjectManager in ext:fluid ViewHelperResolver

Finish the ObjectManager usages in ext:fluid. With #94285 we made the ViewHelperResolver a singleton service, which is not ok since it holds state: Namespaces are added at runtime and they additionally depend on request.

The solution is similar to RenderingContext from #94285 though: Have a factory to create fresh instances for each parsing cycle for this failsafe mode enabled class. View helper instance prototypes itself are then retrieved using GeneralUtility::makeInstance().

Resolves: #94292  
Related: #94285  
Related: #90803  
Releases: master  
Change-Id: I08018b57e3bd5b293be999d7c5415578604c7897  
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+69419>  
Tested-by: core-ci <[typo3@b13.com](mailto:typo3@b13.com)>  
Tested-by: Benni Mack <[benni@typo3.org](mailto:benni@typo3.org)>  
Tested-by: Benjamin Franzke <[bfr@qbus.de](mailto:bfr@qbus.de)>  
Reviewed-by: Benni Mack <[benni@typo3.org](mailto:benni@typo3.org)>  
Reviewed-by: Benjamin Franzke <[bfr@qbus.de](mailto:bfr@qbus.de)>

#### Revision a6cf1581 - 2021-12-07 13:44 - Christian Kuhn

[!!!][TASK] Remove non-factory init of RenderingContext

Removes a Services.yaml entry from ext:fluid to enforce using RenderingContextFactory->create().

Change-Id: Ibd02cc394b99cb72856c3828b13a06e244544576  
Resolves: #96271  
Related: #94285  
Releases: main  
Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+72541>  
Tested-by: Benjamin Franzke <[bfr@qbus.de](mailto:bfr@qbus.de)>  
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Tested-by: Christian Kuhn <[lolli@schwarzbu.ch](mailto:lolli@schwarzbu.ch)>  
Reviewed-by: Benjamin Franzke <[bfr@qbus.de](mailto:bfr@qbus.de)>  
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Reviewed-by: Christian Kuhn <[lolli@schwarzbu.ch](mailto:lolli@schwarzbu.ch)>

## History

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### #1 - 2021-06-08 09:59 - Christian Kuhn

- Related to Task #90803: Mark ObjectManager::get deprecated added

### #2 - 2021-06-08 10:11 - 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 <https://review.typo3.org/c/Packages/TYPO3.CMS/+69412>

### #3 - 2021-06-08 10:40 - 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 <https://review.typo3.org/c/Packages/TYPO3.CMS/+69412>

### #4 - 2021-06-08 10:44 - 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 <https://review.typo3.org/c/Packages/TYPO3.CMS/+69412>

### #5 - 2021-06-08 11:29 - 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/c/Packages/TYPO3.CMS/+69412>

### #6 - 2021-06-08 11:38 - 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/c/Packages/TYPO3.CMS/+69412>

### #7 - 2021-06-08 12:23 - 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/c/Packages/TYPO3.CMS/+69412>

### #8 - 2021-06-08 12:34 - 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/c/Packages/TYPO3.CMS/+69412>

**#9 - 2021-06-08 12:48 - 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/c/Packages/TYPO3.CMS/+69412>

**#10 - 2021-06-08 13:11 - 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/c/Packages/TYPO3.CMS/+69412>

**#11 - 2021-06-08 13:39 - Gerrit Code Review**

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+69412>

**#12 - 2021-06-09 15:38 - Gerrit Code Review**

Patch set 11 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+69412>

**#13 - 2021-06-09 16:10 - Christian Kuhn**

- *Status changed from Under Review to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset [04d844fc241dad4f55986f89393d0fca5c71b0d1](https://review.typo3.org/c/Packages/TYPO3.CMS/+69412).

**#14 - 2021-06-09 19:13 - Christian Kuhn**

- *Related to Task #94292: Avoid ObjectManager in ext:fluid ViewHelperResolver added*

**#15 - 2021-09-07 07:33 - Benni Mack**

- *Status changed from Resolved to Closed*

**#16 - 2021-12-07 12:12 - Christian Kuhn**

- *Related to Task #96271: RenderingContext must use factory added*