

TYPO3 Core - Task #92513

Epic # 92512 (New): PSR-7 Request/Response handling in Extbase

Request processing chain must return a response object

2020-10-08 08:04 - Alexander Schnitzler

Status:	Resolved	Start date:	2020-10-08
Priority:	Should have	Due date:	
Assignee:		% Done:	100%
Category:	Extbase	Estimated time:	0.00 hour
Target version:		Complexity:	
TYPO3 Version:	11	Sprint Focus:	
PHP Version:			
Tags:			
Description			
<p>Currently, Extbase creates a request and response object, hand them both into the controller and lets the user change the response object.</p> <p>With PSR-7 this approach is no longer feasible since PSR-7 response objects are immutable. This makes it necessary to return a response object from the controller down to the request handler.</p>			

Associated revisions

Revision 723cacda - 2020-10-23 14:38 - Alexander Schnitzler

[!!!][TASK] Request processing chain must return a response object

This patch introduces a proper request/response handling chain. That means, that Extbase no longer creates a response object early, passes it through the request handler and dispatcher into the controller and expects it to be altered there.

Instead, request handlers, the dispatcher and controllers only get passed a request object and controllers are then responsible for creating and returning a response.

This change is preparatory work for the introduction of PSR-7 responses in Extbase. Those responses are immutable and can no longer be passed by reference through the stack. Instead, the controller must return the desired response along with its state down the stack while remaining unaltered.

This patch is considered breaking because it changes several method signatures of public classes and interfaces.

Still, it is quite unlikely to be struck by this change when using the public api of Extbase and not overriding classes such as the ActionController.

Releases: master

Resolves: #92513

Change-Id: I3ab7846268ea68727a2f57eea69328b85be4f5e6

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+66079>

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Reviewed-by: Oliver Bartsch <bo@cedev.de>

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History

#1 - 2020-10-08 08:20 - 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/+66079>

#2 - 2020-10-08 08:33 - 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/+66079>

#3 - 2020-10-08 09:01 - 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/+66079>

#4 - 2020-10-08 09:32 - 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/+66079>

#5 - 2020-10-08 11:35 - 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/+66079>

#6 - 2020-10-12 16:43 - 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/+66079>

#7 - 2020-10-20 14:59 - 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/+66079>

#8 - 2020-10-21 12:02 - 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/+66079>

#9 - 2020-10-23 13:44 - 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/+66079>

#10 - 2020-10-23 15:00 - Anonymous

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset [723cacdad3a5f32c8fb1d3ed2ff38b49c8102236](#).