

TYPO3 Core - Bug #92473

TYPO3\CMS\Core\Http\JsonResponse dont allow JsonSerializable and others

2020-10-02 13:56 - Daniel Kern

Status:	Under Review	Start date:	2020-10-02
Priority:	Should have	Due date:	
Assignee:		% Done:	0%
Category:	Miscellaneous	Estimated time:	0.00 hour
Target version:		Complexity:	no-brainer
TYPO3 Version:	10	Is Regression:	
PHP Version:	7.4	Sprint Focus:	
Tags:			

Description

Issue:

I use TYPO3\CMS\Core\Http\JsonResponse in Middlewares. The constructor allow \$data to be mixed. Even the internal function allows \$data to be of any type. But between __construct and jsonEncode is another function setPayload wich only allows \$data to be type of array. This results in the fact, that we can only respond arrays as JSON. But at least classes implementing @JsonSerializablev should be able to be responded too. Also, why isn't it possible to return other types as JSON too?

Solution:

Remove the type annotation of setPayload. There would be no harm, because jsonEncode already checks for conversion errors. This should also not break anything.

Before:

```
public function setPayload(array $data = [], $encodingOptions = self::DEFAULT_JSON_FLAGS): JsonResponse
```

After:

```
public function setPayload($data = [], $encodingOptions = self::DEFAULT_JSON_FLAGS): JsonResponse
```

History

#1 - 2020-10-02 13:58 - Daniel Kern

- Subject changed from TYPO3\CMS\Core\Http\JsonResponse dont allow JsonSerializable to TYPO3\CMS\Core\Http\JsonResponse dont allow JsonResponse and others

- Complexity changed from easy to no-brainer

#2 - 2020-10-05 19:40 - 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/+/66016>