

TYPO3 Core - Feature #83725

Epic # 83894 (Closed): PSR-15 Initiative

Introduce PSR-15 HTTP Middleware support

2018-01-29 21:10 - Benjamin Franzke

Status: Closed	Start date: 2018-01-29
Priority: Should have	Due date:
Assignee:	% Done: 100%
Category:	Estimated time: 0.00 hour
Target version: 9.2	Complexity:
PHP Version:	Sprint Focus:
Tags:	
Description	
The PSR-15 middleware specification was released on 22nd of January 2018. TYPO3 should support PSR-15 middlewares out-of-the box.	
Supporting PSR-15 middlewares improves interoperability with independent libraries and would supersede ugly hooks like <code>\$GLOBALS['TYPO3_CONF_VARS']['SC_OPTIONS']['tslib/index_ts.php']['preprocessRequest']</code> (ugly as they have not been adapted when PSR-7 Requests/Responses were introduced).	
Related issues:	
Related to TYPO3 Core - Task #83724: HTTP RequestHandlers should always retur...	Closed 2018-01-29
Related to TYPO3 Core - Task #83727: Reimplement EXT:redirect as PSR-15 middl...	Closed 2018-01-29
Related to TYPO3 Core - Feature #83907: Allow disabling a middleware	Closed 2018-02-15

Associated revisions

Revision f22792ec - 2018-02-03 21:56 - Benni Mack

[FEATURE] Add support for PSR-15 HTTP middlewares

PSR-15 middlewares are hooks on steroids for HTTP requests. Due to chaining middlewares and the core request handler(s), middlewares can execute code before and after the application.

Middlewares may return early, that means they can prevent consecutive middleware and the core application from being executed at all.

A full middleware coverage for **all** requests will need a lot of changes to the core and extensions. We'll eventually need to stop using `header()/exit()/die()` or `HttpUtility::redirect,sendResponse()`. Those method calls need to be replaced by manipulation of PSR-7 message objects.

Change-Id: I075639835115f7cf28f18c3814ef6dd190fdf29b
Releases: master
Resolves: #83725
Reviewed-on: <https://review.typo3.org/55528>
Reviewed-by: Susanne Moog <susanne.moog@typo3.org>
Tested-by: Susanne Moog <susanne.moog@typo3.org>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Benni Mack <benni@typo3.org>
Tested-by: Benni Mack <benni@typo3.org>

Revision 9266297f - 2018-02-06 21:09 - Benjamin Franzke

[FEATURE] Add support for PSR-15 HTTP middlewares

PSR-15 middlewares are hooks on steroids for HTTP requests. Due to chaining middlewares and the core request handler(s), middlewares can execute code before and after the application.

Middlewares may return early, that means they can prevent consecutive middleware and the core application from being executed

at all.

A full middleware coverage for **all** requests will need a lot of changes to the core and extensions. We'll eventually need to stop using `header()/exit()/die()` or `HttpUtility::{redirect,sendResponse}()`. Those method calls need to be replaced by manipulation of PSR-7 message objects.

PSR-15 interfaces are provided by `psr/http-server-middleware`:

```
composer require psr/http-server-middleware:^1.0
```

Change-Id: la906d51da2e4309a37fb47a7966b52f873782d8f
Releases: master
Resolves: #83725
Reviewed-on: <https://review.typo3.org/55544>
Reviewed-by: Susanne Moog <susanne.moog@typo3.org>
Tested-by: Susanne Moog <susanne.moog@typo3.org>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Benni Mack <benni@typo3.org>
Tested-by: Benni Mack <benni@typo3.org>

Revision 62399539 - 2018-02-17 21:07 - Christian Kuhn

[FEATURE] Allow deactivation of PSR-15 middlewares

Similar to other places that use dependency configurations via arrays, the middleware stack configuration now allows disabling single middlewares by setting `disabled=true`.

Change-Id: I42c741062b5f6952577e164939593f0553b1ad31
Resolves: #83907
Related: #83906
Related: #83725
Releases: master
Reviewed-on: <https://review.typo3.org/55725>
Reviewed-by: Mathias Schreiber <mathias.schreiber@typo3.com>
Tested-by: Mathias Schreiber <mathias.schreiber@typo3.com>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Anja Leichsenring <aleichsenring@ab-softlab.de>
Tested-by: Anja Leichsenring <aleichsenring@ab-softlab.de>
Reviewed-by: Benjamin Franzke <bfr@qbus.de>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

History

#1 - 2018-01-29 21:10 - Benjamin Franzke

- Related to Task #83724: HTTP RequestHandlers should always return a PSR-7 ResponseInterface, not NULL added

#2 - 2018-01-29 21:18 - Benjamin Franzke

- Related to Task #83727: Reimplement EXT:redirect as PSR-15 middleware added

#3 - 2018-01-29 21:57 - Benjamin Franzke

- Tracker changed from Task to Feature

#4 - 2018-02-01 19:50 - 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/55528>

#5 - 2018-02-01 22:52 - 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/55528>

#6 - 2018-02-01 22:59 - 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/55528>

#7 - 2018-02-02 01:16 - 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/55528>

#8 - 2018-02-02 11:14 - 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/55528>

#9 - 2018-02-02 13:38 - 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/55528>

#10 - 2018-02-02 20:56 - 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/55528>

#11 - 2018-02-02 21:00 - 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/55528>

#12 - 2018-02-03 10:05 - 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/55528>

#13 - 2018-02-03 10:23 - 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/55528>

#14 - 2018-02-03 15:52 - 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/55528>

#15 - 2018-02-03 21:07 - Gerrit Code Review

Patch set 12 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55528>

#16 - 2018-02-03 21:45 - Gerrit Code Review

Patch set 13 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55528>

#17 - 2018-02-03 21:47 - Gerrit Code Review

Patch set 14 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/55528>

#18 - 2018-02-03 22:00 - Benni Mack

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

- % Done changed from 0 to 100

Applied in changeset [f22792ecee631b8f01fbc0fcbf3e62b52246cad](https://review.typo3.org/55528).

#19 - 2018-02-03 23:58 - Gerrit Code Review

- Status changed from *Resolved* 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/55544>

#20 - 2018-02-05 14:08 - 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/55544>

#21 - 2018-02-05 17:22 - 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/55544>

#22 - 2018-02-05 21:25 - 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/55544>

#23 - 2018-02-06 20:01 - 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/55544>

#24 - 2018-02-06 21:02 - 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/55544>

#25 - 2018-02-06 21:30 - Benjamin Franzke

- *Status changed from Under Review to Resolved*

Applied in changeset [9266297fb96d8f006685cd518e1d484f2c334ddd](#).

#26 - 2018-02-14 14:54 - Susanne Moog

- *Parent task set to #83894*

#27 - 2018-02-15 02:23 - Christian Kuhn

- *Related to Feature #83907: Allow disabling a middleware added*

#28 - 2018-10-02 10:52 - Benni Mack

- *Status changed from Resolved to Closed*