

TYPO3 Core - Task #83793

Epic # 83894 (Closed): PSR-15 Initiative

FileDumpController should return PSR-7 responses

2018-02-06 22:21 - Benjamin Franzke

Status:	Closed	Start date:	2018-02-06
Priority:	Should have	Due date:	
Assignee:		% Done:	100%
Category:	File Abstraction Layer (FAL)	Estimated time:	0.00 hour
Target version:	Candidate for Major Version	Complexity:	
TYPO3 Version:	9	Sprint Focus:	
PHP Version:			
Tags:			
Description			
The FAL DriverInterface should be extended to provide a method which does not echo file contents directly but returns a PSR-7 response (e.g. by writing do a StreamInterface).			

Associated revisions

Revision dc00234d - 2018-09-30 22:50 - Benjamin Franzke

[TASK] Adapt FAL dumpFile to use PSR-7 response objects

A new driver method streamFile() is added (specified in a new, internal StreamableDriverInterface). streamFile() returns a PSR-7 response which serves the contents of the file.

Once this interface will be marked as public, third party drivers will be allowed to return an own response (e.g. containing a redirect to a CDN), providing full controls to headers. It also opens possibilities for optimizations like X-SendFile (apache) or X-Accell-Redirect (nginx) to be used by drivers.

We also add SelfEmittableStreamInterface (marked as internal) to support the same fast file sending using readfile() – the interface provides a hook which is called by the AbstractApplication in sendResponse. That means that file contents do not need to be read into memory, stored into a stream, and then read again, but can be piped to stdout by php directly.

For all existing drivers backward compatibility is provided by wrapping their dumpFileContents() method into a decorator stream which calls dumpFileContents **when** the response is sent. That means middlewares are able to prevent/stop/enhance the response, but the driver method dumpFileContents is still used – it's delayed until Application::sendResponse.

The dumpFileContents method of the ResourceStorage class is now deprecated. ResourceStorage->streamFile() should be used instead.

Change-Id: I64e707c1f8350e409ff2505b98531b92b2936e02

Releases: master

Resolves: #83793

Reviewed-on: <https://review.typo3.org/55585>

Reviewed-by: Benni Mack <benni@typo3.org>

Tested-by: Benni Mack <benni@typo3.org>

Tested-by: TYPO3com <no-reply@typo3.com>

Reviewed-by: Susanne Moog <susanne.moog@typo3.org>

Tested-by: Susanne Moog <susanne.moog@typo3.org>

History

#1 - 2018-02-06 23:00 - 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/55585>

#2 - 2018-02-08 09:15 - 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/55585>

#3 - 2018-02-08 14:43 - 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/55585>

#4 - 2018-02-14 14:51 - Susanne Moog

- Parent task set to #83894

#5 - 2018-03-09 15:17 - Mathias Brodala

- Sprint Focus set to On Location Sprint

#6 - 2018-04-09 18:17 - Susanne Moog

- Target version changed from 9.2 to Candidate for Major Version

#7 - 2018-08-02 11:05 - Anja Leichsenring

- Sprint Focus deleted (On Location Sprint)

#8 - 2018-09-30 12:01 - 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/55585>

#9 - 2018-09-30 19:58 - 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/55585>

#10 - 2018-09-30 21:11 - 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/55585>

#11 - 2018-09-30 21:15 - 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/55585>

#12 - 2018-09-30 21:27 - 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/55585>

#13 - 2018-09-30 21:28 - 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/55585>

#14 - 2018-09-30 21:31 - 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/55585>

#15 - 2018-09-30 21:34 - 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/55585>

#16 - 2018-09-30 21:47 - 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/55585>

#17 - 2018-09-30 22:10 - 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/55585>

#18 - 2018-09-30 22:15 - 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/55585>

#19 - 2018-09-30 23:00 - Anonymous

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

Applied in changeset [dc00234dfc9bf10fef06a88163da2f594e9f867](#).

#20 - 2018-10-02 10:52 - Benni Mack

- *Status changed from Resolved to Closed*