

TYPO3 Core - Bug #88205

Missing FAL support for byte-range requests

2019-04-25 12:06 - theline .

Status:	New	Start date:	2019-04-25
Priority:	Should have	Due date:	
Assignee:		% Done:	0%
Category:	File Abstraction Layer (FAL)	Estimated time:	0.00 hour
Target version:		Complexity:	
TYPO3 Version:	9	Is Regression:	
PHP Version:		Sprint Focus:	
Tags:			

Description

This issue occurs when serving video files from a non publicly accessible FileStorage.
\TYPO3\CMS\Core\Resource\ResourceStorage::getPublicUrl() will generate an URL like this:

```
/index.php?eID=dumpFile&t=f&f=11623&token=047550942c914f1c4e4ae8d22a0bc2102661019b
```

When serving video files via a publicly accessible FileStorage the FAL can use "normal" URL, e.g.:

```
/fileadmin/user_upload/videos/awesome.mp4
```

iOS devices will check if the server supports byte-range requests when downloading/streaming video files, please have look into the documentation:

https://developer.apple.com/library/archive/documentation/AppleApplications/Reference/SafariWebContent/CreatingVideoforSafari/iPhone/CreatingVideoforSafariiPhone.html#//apple_ref/doc/uid/TP40006514-SW6

Normal Web-Servers (like Apache and nginx) usually don't have any issues with byte-range requests.
Unfortunately the FAL can't handle byte-range requests.

I'll suggest that this feature/bug will be handled in \TYPO3\CMS\Core\Resource\ResourceStorage::dumpFileContents().
I'm not sure if this is the proper place for that.

I could reconstruct this issue in TYPO3 CMS 8 and 9 (other versions haven't been tested yet).

History

#1 - 2019-04-25 16:34 - theline .

- Description updated

#2 - 2019-04-27 07:26 - Frans Saris

Would be great if you could bring this to the core.

For the extension fal_securedownload we added this ourselves for now, see

https://github.com/beechnit/fal_securedownload/blob/5de03db72df85cb78574efe6c823876d2c4539cf/Classes/Hooks/FileDumpHook.php#L193