

## TYPO3.Flow - Bug #32707

### Bad Bad FileBackend

2011-12-19 21:25 - Daniel Poetzinger

<b>Status:</b>	Accepted	<b>Start date:</b>	2011-12-19
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>	Karsten Dambekalns	<b>% Done:</b>	0%
<b>Category:</b>	Cache	<b>Estimated time:</b>	2.00 hours
<b>Target version:</b>	2.0.1	<b>Complexity:</b>	easy
<b>PHP Version:</b>			
<b>Has patch:</b>	No		

#### Description

<http://git.typo3.org/FLOW3/Packages/TYPO3.FLOW3.git?a=blob:f=Classes/Cache/Backend/FileBackend.php:h=ab724f855e1d6a3007056d0010c6ba00138a01e9;hb=8daf64af85dbcd3030cc3d259e262d70d50daf92>

The FileBackend is not working under middle to high load and also not working reliable on shared filesystems

The main reason is the set function:

- All fileoperations need to be atomic - so why is ->remove() called and after this the file is written to some temp file and then renamed.

=> It should work by just removing the ->remove call, the rename method will replace the existing entry.

Also the while (!rename(\$temporaryCacheEntryPathAndFilename, \$cacheEntryPathAndFilename) && \$i < 5) seems to be unnecessary - why is this done?

Other improvements might be to get rid of the extra cache meta data for expire time - maybe using filemtime is faster at the end (it avoids expensive file\_get\_contents two times)

#### Related issues:

Related to TYPO3.Flow - Bug #27989: Wrong check in our atomic writes code

Resolved

2011-07-08

Precedes (1 day) TYPO3 Core - Bug #32709: Make FileBackend more stable

Closed

2011-12-21

2011-12-21

#### History

##### #1 - 2011-12-19 21:46 - Daniel Poetzinger

the fixme mentioned in typo3 core might be also relevant

```
// @FIXME: At least the result of rename() should be handled here, report to FLOW3 could be fixed as well
```

##### #2 - 2012-01-04 13:42 - Karsten Dambekalns

- Status changed from New to Accepted

- Assignee set to Karsten Dambekalns

- Target version set to 1.1

##### #3 - 2012-05-25 09:39 - Karsten Dambekalns

- Target version changed from 1.1 to 1.1 RC1

##### #4 - 2012-06-19 11:35 - Karsten Dambekalns

- Target version changed from 1.1 RC1 to 2.0 beta 1

##### #5 - 2012-12-12 09:20 - Karsten Dambekalns

- Target version changed from 2.0 beta 1 to 2.0

##### #6 - 2013-05-21 13:33 - Robert Lemke

- Target version changed from 2.0 to 2.0.1