

## TYPO3.Flow - Bug # 32707

<b>Status:</b>	Accepted	<b>Priority:</b>	Must have
<b>Author:</b>	Daniel Poetzinger	<b>Category:</b>	Cache
<b>Created:</b>	2011-12-19	<b>Assigned To:</b>	Karsten Dambekalns
<b>Updated:</b>	2013-05-21	<b>Due date:</b>	
<b>PHP Version:</b>			
<b>Has patch:</b>	No		
<b>Complexity:</b>	easy		
<b>Affected Flow version:</b>	Git 1.0		
<b>Subject:</b>	Bad Bad FileBackend		
<b>Description</b>			
<a href="http://git.typo3.org/FLOW3/Packages/TYPO3.FLOW3.git?a=blob:f=Classes/Cache/Backend/FileBackend.php;h=ab724f855e1d6a307056d0010c6ba00138a01e9;hb=8daf64af85dbcd3030cc3d259e262d70d50daf92">http://git.typo3.org/FLOW3/Packages/TYPO3.FLOW3.git?a=blob:f=Classes/Cache/Backend/FileBackend.php;h=ab724f855e1d6a307056d0010c6ba00138a01e9;hb=8daf64af85dbcd3030cc3d259e262d70d50daf92</a>			
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)			
<b>Related issues:</b>			
related to TYPO3.Flow - Bug # 27989: Wrong check in our atomic writes code		<b>Resolved</b>	<b>2011-07-08</b>
precedes (1 day) Core - Bug # 32709: Make FileBackend more stable		<b>Closed</b>	<b>2011-12-21 2011-12-21</b>

### 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
- Assigned To 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
- Affected Flow version changed from Git master to Git 1.0

**#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*