

## Core - Bug # 62400

<b>Status:</b>	Rejected	<b>Priority:</b>	Should have
<b>Author:</b>	Albert van der Veen	<b>Category:</b>	File Abstraction Layer (FAL)
<b>Created:</b>	2014-10-22	<b>Assigned To:</b>	Andreas Wolf
<b>Updated:</b>	2015-07-17	<b>Due date:</b>	
<b>TYPO3 Version:</b>	6.2		
<b>PHP Version:</b>			
<b>Complexity:</b>	easy		
<b>Is Regression:</b>	No		
<b>Sprint Focus:</b>			
<b>Subject:</b>	Lot of entries in sys_file_processed with name=NULL and identifier empty		
<b>Description</b>			
<p>We have a fairly large site with an enormous amount of entries in sys_file_processed that have name = NULL, identifier = ". A substantial subset of those has configuration =</p> <pre>a:9:{s:5:"width";N;s:6:"height";N;s:13:"fileExtension";N;s:8:"maxWidth";i:0;s:9:"maxHeight";i:0;s:8:"minWidth";i:0;s:9:"minHeight";i:0;s:7:"noScale";N;s:20:"additionalParameters";N;}</pre> <p>A related issue can be found here: <a href="https://forge.typo3.org/issues/50392#note-15">https://forge.typo3.org/issues/50392#note-15</a></p> <p>This leads to all kinds of problems, for example images not being displayed in the FE according to dimensions specified in a content element, but in the original size (no processed file is being generated). If the entry in sys_file_processed is manually removed and the FE page reloaded, the image is correctly displayed.</p> <p>It also breaks the 'replace image' in Media (current 0.6.0-dev from the repo): as soon as a FE page is generated with an image a correct entry is added to sys_file_processed, but also an extra entry with name = NULL and configuration =</p> <pre>a:9:{s:5:"width";N;s:6:"height";N;s:13:"fileExtension";N;s:8:"maxWidth";i:0;s:9:"maxHeight";i:0;s:8:"minWidth";i:0;s:9:"minHeight";i:0;s:7:"noScale";N;s:20:"additionalParameters";N;}</pre> <p>If you then use 'replace image' through Media on that image, the new image is not handled correctly: you don't get a new thumb and no output on FE. This can be traced back to the function flushProcessedFiles in media/Classes/Cache/CacheService.php which deletes old processed files. Because the entry with name=NULL exists, the newly uploaded (original, not processed) file is immediately deleted again. Just using 'replace image' again and again (without generating the FE page) works fine.</p> <p>Changing \$processedFile-&gt;delete(TRUE) to \$processedFile-&gt;delete(FALSE) in that same function 'fixes' the problem, but I presume these NULL entries shouldn't be generated in the first place?</p> <p>Anyone have an idea why these entries are generated?</p>			
<b>Related issues:</b>			
related to Core - Bug # 44105: Image size does not get updated		<b>Closed</b>	<b>2012-12-19</b>
related to Core - Bug # 45922: image replacement, width and height are kept e...		<b>Accepted</b>	<b>2013-02-28</b>
related to Core - Bug # 46020: Image size is 0 when not scaled		<b>Closed</b>	<b>2013-03-04</b>
related to Core - Bug # 46446: sys_file doesn't get updated		<b>Needs Feedback</b>	<b>2013-03-20</b>
related to Core - Bug # 50392: Specifying size in ImageViewHelper does nothing		<b>Closed</b>	<b>2013-07-24</b>
related to Core - Bug # 52658: Overriding image does not change the dimensions		<b>Rejected</b>	<b>2013-10-10</b>
related to Core - Bug # 54533: imgResource.noScale doesn't scale image tag		<b>Rejected</b>	
related to Core - Bug # 58019: FAL Indexer for broken files: Column 'width' c...		<b>Rejected</b>	<b>2014-04-17</b>
related to Core - Bug # 59216: Image dimensions (width/height) are 0 when not...		<b>Closed</b>	<b>2014-05-30</b>
related to FAL Indexing - Bug # 60215: sys_file_processedfile with empty iden...		<b>Under Review</b>	<b>2014-07-09</b>
related to Core - Bug # 61181: FAL: file maxW and maxH are ignored		<b>Rejected</b>	<b>2014-08-25</b>

related to Core - Bug # 62247: FAL: Uppercase File Extensions of Image cannot...	<b>Rejected</b>	<b>2014-10-15</b>
related to Core - Bug # 63519: sys_file_processedfile rows contain zero dimen...	<b>Resolved</b>	<b>2014-12-02</b>
related to Core - Bug # 64556: ProcessedFile record should not be saved/creat...	<b>Closed</b>	<b>2015-01-28</b>

## History

### #1 - 2014-10-23 15:58 - Albert van der Veen

Looking into the class TYPO3\CMS\Core\Resource\ProcessedFile, I now understand that entries with name=NULL are valid: 'A file may also meet the expectations set in the configuration without any processing. In that case, the ProcessedFile object still exists, but there is no physical file directly linked to it. Instead, it then redirects most method calls to the original file object. The data of these objects are also stored in the database, to indicate that no processing is required. With such files, the identifier and name fields in the database are empty to show this.'

But that still doesn't explain why these entries are generated for processed files. However, I suspect something is wrong with the config of this particular site, as I tested the same behaviour on another site (far less complex as far as extensions etc is considered), and there no 'wrong' entries are generated. I'll investigate further and report back on my findings.

### #2 - 2015-01-06 13:41 - Mathias Schreiber

- *Target version set to 7.1 (Cleanup)*
- *Sprint Focus set to On Location Sprint*

### #3 - 2015-01-31 14:58 - Frans Saris

- *Complexity set to easy*

possible solution

In typo3/sysex/core/Classes/Resource/Service/FileProcessingService::process() extend the check

```
if ($processedFile->isProcessed()) {
```

That also checks if the identifier is set

### #4 - 2015-06-15 17:08 - Benjamin Mack

- *Target version changed from 7.1 (Cleanup) to 7.4 (Backend)*

### #5 - 2015-06-16 19:26 - Jonathan IROULIN

- *Assigned To set to Andreas Wolf*

After discussion with Andreas Wolf, this is not a bug it is a feature.

This is the normal behaviour when the original file can be used,  
to avoid to run the process file again and again.

### #6 - 2015-06-16 20:17 - Andreas Wolf

- *Status changed from New to Rejected*

### #7 - 2015-07-17 15:30 - Mathias Schreiber

- *Sprint Focus deleted (On Location Sprint)*