

Core - Bug # 63634

Status:	Closed	Priority:	Should have
Author:	Stefan Klug	Category:	File Abstraction Layer (FAL)
Created:	2014-12-06	Assigned To:	
Updated:	2015-02-24	Due date:	
TYPO3 Version:	6.2		
PHP Version:	5.3		
Complexity:			
Is Regression:	No		
Sprint Focus:			
Subject:	FAL update Metadata in LocalStorage not working because of buggy php		
Description			
<p>Hi,</p> <p>I had the same issue described in #46020, namely that all my images where missing width/height information in sys_file. All the mentioned fixes didn't really seem to help.</p> <p>Finally it turned out, that the php version on the server is buggy. "php -v" says it is 5.3.29 (I know that's quite old, but it i officially supported by Typo3 6.2)</p> <p>The problematic code is in TYPO3\CMS\Core\Resource\Driver\LocalDriver in getMimeTypeOfFile():</p> <pre>\$fileInfo = new \finfo(); return \$fileInfo->file(\$absoluteFilePath, FILEINFO_MIME_TYPE);</pre> <p>FILEINFO_MIME_TYPE is not defined in this php version (per php docs it should be defined for php > 5.3)</p> <p>Changing the code to</p> <pre>if(!defined(FILEINFO_MIME_TYPE)) define(FILEINFO_MIME_TYPE, 16); \$fileInfo = new \finfo(); return \$fileInfo->file(\$absoluteFilePath, FILEINFO_MIME_TYPE);</pre> <p>solved the problem. I don't know if FILEINFO_MIME_TYPE == 16 is true for every php version, so maybe we should fallback to using FILEINFO_MIME which is available.</p> <p>After UPDATE sys_file SET missing=1 and resheduling the IndexUpdater everything is fine.</p>			
Related issues:			
related to Core - Bug # 46020: Image size is 0 when not scaled		Closed	2013-03-04

History

#1 - 2014-12-06 20:11 - Stefan Klug

For anyone searching for a quick fix without patching typo3:

Adding

```
if(!defined(FILEINFO_MIME_TYPE)) define(FILEINFO_MIME_TYPE, 16);
```

2015-08-04

1/2

to the top of typo3conf/LocalConfiguration.php is enough to fix this case

#2 - 2014-12-08 10:40 - Alexander Opitz

Taking a look into the PHP documentation <http://php.net/manual/en/fileinfo.constants.php>

FILEINFO_MIME_TYPE (integer)

Return the mime type. Available since PHP 5.3.0.

So this should be available since PHP 5.3.0.

@Stefan

You run "php -v" in console, is it possible that the webserver uses another version of php? There is also no issue report in the PHP bug database. So, can you look at first for the PHP version which is used by the webserver?

#3 - 2014-12-09 21:28 - Stefan Klug

That's really strange. phpinfo() from within the typo3 install tool also gives PHP Version 5.3.29 . I checked the php sourcecode on github and I can't think of any way where FILEINFO_MIME is defined whilst FILEINFO_MIME_TYPE is not.

I am not the core admin of that server and don't have access to the original sources and the build system so I can't dig deeper there.

The only thing I found was this: <https://bugs.php.net/bug.php?id=60679>

But that one also was closed some time ago.

You can close this bug and I'll treat it as a strange compiler/solar-winds issue. If more users have this problem they will find this...

Thanks a lot for your time.

#4 - 2014-12-09 21:48 - Alexander Opitz

Ok, can you post the complete version string (if there stands more in the line) also it would be interesting what system/distribution and in which version are used (Debian/FreeBSD) if this information is available for you.

#5 - 2015-02-24 17:33 - Christian Kuhn

- Status changed from New to Closed

Alright. I'm closing this issue for now.

It will still be found if further people stumble upon it. It would be interesting which specific php version falls into this issue - we may come up with a fix then if we know more details.