

Core - Bug # 67366

Status:	New	Priority:	Must have
Author:	Alexander Ließmann	Category:	Caching
Created:	2015-06-09	Assigned To:	
Updated:	2015-07-20	Due date:	
TYPO3 Version:	6.2		
PHP Version:	5.6		
Complexity:	hard		
Is Regression:	No		
Sprint Focus:			
Subject:	PHP Errors after clearing cache in BE		
Description			
<p>Since we updated some of our customer sites to TYPO3 6.2, we saw some PHP errors in FE like this one:</p> <p>Fatal error: Class 'tx_igldapssoauth_config' not found in /var/www/typo3conf/ext/ig_ldap_sso_auth/Configuration/TCA/Config.php on line 172</p> <p>or this:</p> <p>Fatal error: Class 'tx_realurl_apiwrapper' not found in /var/www/typo3conf/ext/realurl/class.tx_realurl.php on line 177</p> <p>There were some other errors with other class names. The problem seems to target a random class. It appears in TYPO3 BE and FE after clearing the cache. But not always, and this makes it strange for me.</p> <p>I was able to provoke the behavior with something i found in the comments of a existing bug report:</p> <ul style="list-style-type: none">- Open page in FE- rm -rf typo3temp/Cache/Data/cache_classes/- Reload page in FE <p>If i have a look in typo3temp/Cache/Data/cache_classes/ now, there are only few files in it. The class, which is named by the error message, is listed as a 0 Byte file.</p> <p>I found Bug #55099 and i thought this could be related.</p>			
Related issues:			
related to Core - Bug # 55099: PHP Warnings after clearing configuration cach...		Resolved	2014-01-17

History

#1 - 2015-06-09 17:16 - Markus Klein

Now that I read this here, I dimly remember having seen such an issue on a 6.2 instance as well. I thought of a realurl bug and moved to the version of helhum.

I'll install the original realurl again and will re-test.

#2 - 2015-06-10 00:44 - Markus Klein

- Category set to Caching
- Status changed from New to Accepted

- *Assigned To set to Markus Klein*
- *Target version set to 6.2.13*
- *Sprint Focus set to Stabilization Sprint*

#3 - 2015-06-10 01:05 - Markus Klein

- *Status changed from Accepted to Needs Feedback*
- *Assigned To deleted (Markus Klein)*
- *Target version deleted (6.2.13)*
- *Sprint Focus deleted (Stabilization Sprint)*

Even though I could reproduce this on one of our sites, I'm failing to reproduce it again after having played around.

I did:

- upgrade realurl from 1.12.8 to 1.13.3 via extension manager

It did not help to

- clear system caches
- clear general caches
- hard-remove typo3temp/Cache/*

the error in FE persisted:

Fatal error: Class 'tx_realurl_apiwrapper' not found intypo3conf/ext/realurl/class.tx_realurl.php on line 177

I made an intermediate upgrade to 6.2.13-dev and cleared typo3temp/Cache/* again and all of a sudden it worked.

I tried to reproduce by downgrading to 6.2.12 again, resetting realurl back to 1.12.8, clear all caches and re-did the update to 1.13.3 => still working

I did not clear the OPcode cache (which I never had to), so maybe this is related to this cache somehow.

(I tested on PHP 5.5)

Are you using the opcode cache of PHP? If so please try clearing it manually via Install Tool.

#4 - 2015-06-10 09:00 - Alexander Ließmann

Currently we do not use an OPcode cache, so there should not be the Problem. Our TYPO3 Version is 6.2.12 and the realurl version is 1.13.3.

I found out how to reproduce the two errors mentioned in my posting above. We use the extension igldapssoauth for backend login. So this error is raised in the following cases:

- Backend login attempt if typo3temp/Cache/Data/cache_classes is empty
- Backend login refresh with Ajax if typo3temp/Cache/Data/cache_classes is empty
- Call on "typo3/cli_dispatch.phpsh extbase something" if typo3temp/Cache/Data/cache_classes is empty

The realurl error is shown on a FE call only.

I have seen a third error mentioning a classname of one of our own extensions, but until now i do not know how to reproduce this one. It is used in a long running process called by crontab. Perhaps it occurs when the process is running and the folder typo3temp/Cache/Data/cache_classes is cleared in the meanwhile...

#5 - 2015-06-10 12:50 - Markus Klein

I was told this issue should be resolved in 6.2.13, which will be released in the next few hours. Please test again with .13 then.

This must have been some issue in the class loader as I could verify the empty cache files. As I said, I'm not able to reproduce again and I'm sure I had no concurrent requests running.

#6 - 2015-06-25 13:56 - Kerstin Gerull

Hi,

I am having nearly the same problem. I am not completely sure if it is exactly the same.

When you have too much traffic on your page the cache is not cleared completely before new cache entries arrive.

That is why I get the following error:

"PHP Fatal error: Class 'Tx_Solr_PluginCommand' not found in

<path>/typo3temp/Cache/Code/cache_core/ext_localconf_97bba9aa9ddf78aa54d1ba36d6ec429832fc4c76.php"

But this is just an example.

Like Alexander Ließmann initially stated, this error message seems to be random, because the error can occur on every cached class. And if you test that at midnight (with nearly no traffic) everything works fine.

This is the test I can reproduce the error.

1. Use wget to read the whole page recursively (to make traffic)
 - I did this on our testing environment, because the live page has enough traffic to always have the error
2. Clear the Cache in the Install Tool (TYPO3 6.2.9 and 6.2.13)
 - And you get a white page with a 'random' error message.

Could someone else reproduce this problem on TYPO3 Version 6.2.13?

Greetings Kerstin

#7 - 2015-06-25 15:36 - Markus Klein

- *Status changed from Needs Feedback to New*

Reading your text brings another idea to my mind. I guess the caches are not locked before being cleared, therefore those concurrency issues occur, which are especially bad for the class loader cache.

Will be hard to fix that, but let's see.

#8 - 2015-06-25 15:41 - Markus Klein

- *Complexity set to hard*

#9 - 2015-07-01 16:21 - Patrick Schriener

I'm having this issue as well. I'm getting 0 KB (empty) cache files in cache_classes on those classes it cannot find.

I don't know whether this is symptomatic or the cause.

#10 - 2015-07-01 16:24 - Alexander Opitz

Thats the cached result, that it didn't find the classes.

#11 - 2015-07-01 17:31 - Markus Klein

Please always specify the exact TYPO3 version you are using. Thanks.

#12 - 2015-07-20 12:15 - Alexander Wende

Maybe this Issue is related to <https://forge.typo3.org/issues/54984> ?