

TYPO3.Flow - Bug #46689

The new ClassLoader swallows Fatal Errors

2013-03-26 15:11 - Marc Neuhaus

Status:	New	Start date:	2013-03-26
Priority:	Must have	Due date:	
Assignee:	Marc Neuhaus	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Complexity:	
PHP Version:			
Has patch:	No		

Description

Since the new ClassLoader uses '@include' to load classes E_COMPILE_ERROR errors are completely ignored. The aren't shown (display_errors), logged to the php log (log_errors) or logged anywhere through Flow. The main issue seems, that the combination of the @ error control character and set_error_handler let those E_COMPILE_ERROR slip through.

The only way around this was to register a shutdown function to catch those errors.

Associated revisions

Revision f04343e1 - 2013-04-12 17:04 - Robert Lemke

[TASK] Remove @-operator again in SimpleFileBackend and ClassLoader

This change removes the shut-up operator again from include_once() calls in the ClassLoader and SimpleFileBackend in order to provide meaningful error messages to the developer if class files or cache entries were not found.

Change-Id: I45a338cca7bd221ba88eeb4eb699796a2447b16c

Related: #46689

Releases: 2.0, master

Revision 8d4f25bd - 2013-04-12 17:10 - Robert Lemke

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History

#1 - 2013-04-04 11:25 - Andreas Wolf

I also get this error here, more precisely during the compile step. The error message displayed is "Execution of subprocess failed with exit code 255 without any further output. (Please check your PHP error log for possible Fatal errors)". There is no log entry whatsoever, the exception log is also not helpful.

@Marc: What does your shutdown function do? Can it detect the compilation error (and maybe also the possible reason?)

#2 - 2013-04-04 11:44 - Adrian Förder

just fell prey to this in this exact minute; we urgently need a fix here... Was seeking for half an hour for the reason until I realized that there just was some file not found...

#3 - 2013-04-04 11:45 - Bastian Waidelich

Adrian Förder wrote:

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was some file not found...

+1

#4 - 2013-04-04 11:47 - Marc Neuhaus

Already in Progress: <https://review.typo3.org/#/c/19552/>

#5 - 2013-04-22 12:28 - Adrian Förder

I began to dig a bit, and most errors come from the annotation corner anyways, that is, for example, occurrences of @todo, @version, @static etc., all resulting in trying to fetch such a class.

Also the "Annotation" class which is tried to be called because of "@Annotation" occurrences should not result into loading them, doctrine already cares about:

<https://github.com/doctrine/annotations/blob/master/lib/Doctrine/Common/Annotations/DocParser.php#L443> (special treatment of @Annotation

and

<https://github.com/doctrine/annotations/blob/master/lib/Doctrine/Common/Annotations/AnnotationReader.php#L56-L73> (ignoring @static, @todo etc. annotations)

We should check why this doesn't work, prior to ignore some errors which should actually not be ignored.

#6 - 2013-04-22 13:05 - Adrian Förder

ok, that's simple, however not nice, see

<https://github.com/doctrine/annotations/blob/master/lib/Doctrine/Common/Annotations/DocParser.php#L626>

and a few lines below, 631.

The Parser triggers Flow's class loader with everything, including the unwanted classes, and we're already running into that trouble then. Having said this, I'm sure you guys already knew that ;)

#7 - 2013-05-14 09:21 - Frans Saris

Since this change was merged we get the following PHP Warnings:

```
PHP Warning: include_once(../Data/Temporary/Development/Cache/Code/Flow_Object_Classes/TYPO3_Flow_Session_SessionManagerInterface.php): failed to open stream: No such file or directory in ../Packages/Framework/TYPO3.Flow/Classes/TYPO3/Flow/Cache/Backend/SimpleFileBackend.php on line 272
```

```
PHP Warning: include_once(): Failed opening '../Data/Temporary/Development/Cache/Code/Flow_Object_Classes/TYPO3_Flow_Session_SessionManagerInterface.php' for inclusion (include_path=.:usr/share/php:usr/share/pear') in ../Packages/Framework/TYPO3.Flow/Classes/TYPO3/Flow/Cache/Backend/SimpleFileBackend.php on line 272
```

```
PHP Warning: include_once(): Failed opening '../Data/Temporary/Development/Cache/Code/Flow_Object_Classes/TYPO3_Flow_Session_SessionInterface.php' for inclusion (include_path=.:usr/share/php:usr/share/pear') in ../Packages/Framework/TYPO3.Flow/Classes/TYPO3/Flow/Cache/Backend/SimpleFileBackend.php on line 272 etc.
```

Is this normal behavior because the cache file isn't there yet or is there something wrong with the annotations as stated above?

This is from a script that runs through cli.