

## TYPO3 Core - Bug #55029

### Class Loader fails if entry in class cache is discarded

2014-01-15 16:56 - Helmut Hummel

<b>Status:</b>	Closed	<b>Start date:</b>	2014-01-15
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	6.2.0	<b>Complexity:</b>	
<b>TYPO3 Version:</b>	6.2	<b>Is Regression:</b>	No
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

Steps to reproduce:

- `rm -rf typo3temp/Cache/`
- do a (e.g. FE-) request to populate caches
- `rm typo3temp/Cache/Data/cache_classes/psr_log_loggerinterface`

After that you get a fatal error for every request.

This is the case because autoload registry and aliases only populate this cache if the package states change. Having a volatile cache for `cache_classes` (like memcache or APC) will sooner or later lead to a fatal error, which is not acceptable.

Idea: Introduce a two level cache for `cache_classes` that has persistent (file) second level cache and a potentially volatile and fast first level cache.

#### Related issues:

Related to TYPO3 Core - Task #54990: ClassLoader cache ist too slow, no matte...	<b>Closed</b>	<b>2014-01-14</b>	
Related to TYPO3 Core - Bug #55099: PHP Warnings after clearing configuration...	<b>Closed</b>	<b>2014-01-17</b>	
Related to TYPO3 Core - Bug #54906: Fatal error: Interface 'Psr\Log\LoggerInt...	<b>Closed</b>	<b>2014-03-12</b>	<b>2014-03-12</b>
Related to TYPO3 Core - Task #54984: "Clear all caches" makes the site unavai...	<b>Closed</b>	<b>2014-01-14</b>	
Related to TYPO3 Core - Bug #54004: Extension checker does not use the autolo...	<b>Closed</b>	<b>2013-11-27</b>	

#### History

##### #1 - 2014-01-15 16:56 - Helmut Hummel

- Status changed from New to Accepted

##### #2 - 2014-03-07 09:54 - Alexander Opitz

The described problem is for every Aliased class.

Non aliased classes can be loaded and the cache entry is regenerated, but if there are aliases for this class they don't get saved into the cache file, this information got lost and can lead to problems with "instanceof" code parts.

But the problem is very hard and this over 2000 class aliases costs us much time. :-(

##### #3 - 2015-07-16 10:39 - Benni Mack

- Status changed from Accepted to Closed