

TYPO3 Core - Bug #91773

insufficient check in CacheManager::createAllCaches()

2020-07-09 14:37 - David Bruchmann

Status:	Closed	Start date:	2020-07-09
Priority:	Should have	Due date:	
Assignee:		% Done:	100%
Category:	Caching	Estimated time:	0.00 hour
Target version:	Candidate for patchlevel	Complexity:	no-brainer
TYPO3 Version:	10	Is Regression:	
PHP Version:	7.3	Sprint Focus:	
Tags:			

Description

Preface:

This bug occurs when using a proxy-class in context and as extension for georgringer/news.

The bug can be resolved by changing a single line.

The bug is also explained on <https://github.com/georgringer/news/issues/1301>.

Description:

Debugging the array TYPO3\CMS\Core\Cache\CacheManager->cacheConfigurations there is a sub-array without key, which drives the whole backend unusable if triggered:

```
$cacheConfigurations => array(17 items)
  core => array(4 items)
  hash => array(4 items)
  pages => array(4 items)
  pagesection => array(4 items)
  runtime => array(4 items)
  rootline => array(4 items)
  imagesizes => array(4 items)
  assets => array(4 items)
  l10n => array(4 items)
  fluid_template => array(3 items)
  extbase => array(4 items)
  adminpanel_requestcache => array(empty)
  rx_shariff => array(4 items)
  news => array(4 items)
  '' => array(1 item)
    groups => array(2 items)
      0 => 'pages' (5 chars)
      1 => 'all' (3 chars)
  static_info_tables => array(3 items)
  news_category => array(1 item)
```

In my case the sub-array includes useless and needless details and can be omitted completely.

Changing one line in CacheManager::createAllCaches() solves the issue in my case:

```
if (!isset($this->caches[$identifier])) {
    $this->createCache($identifier);
}
```

to this:

```
if ($identifier && !isset($this->caches[$identifier])) {
    $this->createCache($identifier);
}
```

The situation when the error is triggered is not completely clear for me but I remarked that after a composer-update it's showing up. To get rid of the error it's required to remove Extension-Configuration manually from LocalConfiguration.php even after having deinstalled my extension and news, but this is neither suitable nor a reliable solution.

Related issues:

Related to TYPO3 Core - Bug #91959: Adding a cache configuration with empty i...

Closed

2020-08-09

Associated revisions

Revision 688425e8 - 2020-08-10 18:19 - Simon Gilli

[BUGFIX] Avoid empty cache identifiers

Currently it is possible to add an invalid cache configuration with empty identifiers. This change avoids this behavior by checking the identifiers while changing the cache configuration at the CacheManager.

Resolves: #91959

Resolves: #91773

Releases: master, 10.4

Change-Id: Icfb25ab52418da166582dba4bca389250325097b

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+65229>

Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

Tested-by: TYPO3com <noreply@typo3.com>

Tested-by: Daniel Haupt <mail@danielhaupt.de>

Tested-by: Benni Mack <benni@typo3.org>

Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>

Reviewed-by: Oliver Klee <typo3-coding@oliverklee.de>

Reviewed-by: Daniel Haupt <mail@danielhaupt.de>

Reviewed-by: Benni Mack <benni@typo3.org>

Revision 6df4e2e1 - 2020-08-10 19:21 - Simon Gilli

[BUGFIX] Avoid empty cache identifiers

Currently it is possible to add an invalid cache configuration with empty identifiers. This change avoids this behavior by checking the identifiers while changing the cache configuration at the CacheManager.

Resolves: #91959

Resolves: #91773

Releases: master, 10.4

Change-Id: Icfb25ab52418da166582dba4bca389250325097b

Reviewed-on: <https://review.typo3.org/c/Packages/TYPO3.CMS/+65254>

Tested-by: TYPO3com <noreply@typo3.com>

Tested-by: Georg Ringer <georg.ringer@gmail.com>

Reviewed-by: Georg Ringer <georg.ringer@gmail.com>

History

#1 - 2020-08-09 16:19 - Simon Gilli

- Related to Bug #91959: Adding a cache configuration with empty identifiers leads to later issues added

#2 - 2020-08-10 13:33 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+65229>

#3 - 2020-08-10 18:20 - Gerrit Code Review

Patch set 1 for branch **10.4** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/c/Packages/TYPO3.CMS/+65254>

#4 - 2020-08-10 18:30 - Simon Gilli

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [688425e84aa4d588e055d4629b1006b6240428d0](https://review.typo3.org/c/Packages/TYPO3.CMS/+688425e84aa4d588e055d4629b1006b6240428d0).

#5 - 2020-08-28 17:50 - David Bruchmann

Actually the solution never solved anything for me as my extension was still unusable.
Nevertheless I was forced to verify the used extensions and was able to find the fault in one of them.
The description can be found in the error-related wiki-page:
<https://wiki.typo3.org/Exception/CMS/1596980032>

#6 - 2020-09-08 11:43 - Benni Mack

- *Status changed from Resolved to Closed*