TYPO3 Core - Bug #85310

$GLOBALS['BE_USER] is null causes Errors in FE

2018-06-19 15:23 - Julian Stelzer

Status:	Closed		**Start date:**	2018-06-19
Priority:	Should have		**Due date:**	
Assignee:			**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	9.4			
TYPO3 Version:	9		**Complexity:**	
PHP Version:	7.2		**Is Regression:**	
Tags:			**Sprint Focus:**	

Description

```
Call to a member function getTSConfig() on null
Error thrown in file
../typo3/sysext/backend/Classes/Utility/BackendUtility.php in line 873.
```

Trying to save data of a form in my database in Frontend.

The error comes from this line:

```
$userTSconfig = static::getBackendUserAuthentication()->getTSConfig() ?? [];
```

static::getBackendUserAuthentication() is null.

Related issues:

Related to TYPO3 Core - Task #82497: Streamline \TYPO3\CMS\Backend\Utility\Ba...	**Closed**	**2017-09-17**

Associated revisions

Revision 3260e093 - 2018-09-04 10:03 - Benni Mack

[BUGFIX] Allow getPagesTSconfig to be called without BE_USER

Due to refactorings lately in BackendUtility::getPagesTSconfig() with
which results in a fatal error when clearing page cache while persisting an
extbase object.

The patch adds a test without a Backend User, and encapsulates this
with a simple if() statement. However, this also shows that some
other areas that are touched are not fully notice-free / strict, which
are tackled as well.

Resolves: #85310
Releases: master
Change-Id: I0f1318d395451e704e1783e841d96583efe2a560
Reviewed-on: https://review.typo3.org/58174
Reviewed-by: Andreas Fernandez <a.fernandez@scripting-base.de>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Oliver Hader <oliver.hader@typo3.org>
Reviewed-by: Susanne Moog <susanne.moog@typo3.org>
Reviewed-by: Daniel Goerz <daniel.goerz@posteo.de>
Tested-by: Susanne Moog <susanne.moog@typo3.org>
Reviewed-by: Markus Klein <markus.klein@typo3.org>
Tested-by: Markus Klein <markus.klein@typo3.org>

History

#1 - 2018-06-19 15:26 - Julian Stelzer

- *Project changed from 9 to TYPO3 Core*

- *Target version set to 9.4*

- *TYPO3 Version set to 9*

- *PHP Version set to 7.2*

#2 - 2018-06-21 06:33 - Georg Ringer

- Status changed from New to Needs Feedback

BackendUtility is for the backend as the name suggests. what are you doing exactly to get this error? you can also initialize the $GLOBALS['BE_USER'] yourself in the FE.

#3 - 2018-06-21 09:05 - Julian Stelzer

Georg Ringer wrote:

> BackendUtility is for the backend as the name suggests. what are you doing exactly to get this error? you can also initialize the $GLOBALS['BE_USER'] yourself in the FE.

I try to save some modeldata in my FE with the add-function of \TYPO3\CMS\Extbase\Persistence\Repository. I dont want to use the $GLOBALS['BE_USER'] or the BackendUtility-Class on my own, but TYPO3 is doing that for me and it causes this error. The same function works great in TYPO3 7.6.

#4 - 2018-06-25 16:35 - Jan Schröder

In TYPO3 8.x the function getTSConfig work without and Backend Login.
Since TYPO3 9 the getTSConfig is not working anymore in Frontend Context.

Is there a way to create the missing $GLOBALS['BE_USER'] or is there another way to get the TSConfig in frontend context?

The breaking change is not documented and broke the gridelements extension :-(

#5 - 2018-07-04 08:34 - Julian Stelzer

It currently breaks all extensions, which write from Frontend into Database and use the repository methods.

Quickfix:

```
        $userTSconfig =  [];
        if( static::getBackendUserAuthentication() ){
            $userTSconfig = static::getBackendUserAuthentication()->getTSConfig() ?? [];
        }

        //$userTSconfig = static::getBackendUserAuthentication()->getTSConfig() ?? [];
```

But it should be fixed soon.

#6 - 2018-07-27 09:58 - Sinisa Mitrovic

Another quick fix can be initializing BE User before fetching getPagesTSconfig.

```
        if($GLOBALS['BE_USER'] === null) {
            $GLOBALS['BE_USER'] = GeneralUtility::makeInstance(
'TYPO3\CMS\Core\Authentication\BackendUserAuthentication');
            $GLOBALS['BE_USER']->start();
        }
```


#7 - 2018-08-09 08:41 - sonal vadhavana

yes, this solution works fine but needs to improve by this one:

First include the namespace and then write code: Otherwise give deprecation error.

use TYPO3\CMS\Core\Authentication\BackendUserAuthentication;

```
if($GLOBALS['BE_USER'] === null) {
            $GLOBALS['BE_USER'] = GeneralUtility::makeInstance(BackendUserAuthentication::class);
            $GLOBALS['BE_USER']->start();
        }
```


#8 - 2018-08-13 13:43 - Thomas Kieslich

If this doesn't work try to set enabledBeUserIPLock to false. checkLockToIP() is called before your own Controller.

#9 - 2018-09-03 15:17 - Susanne Moog

- Status changed from Needs Feedback to Accepted

Problem seems to be that `\TYPO3\CMS\Extbase\Persistence\Generic\Storage\Typo3DbBackend::clearPageCache` calls `$pageTS = BackendUtility::getPagesTSconfig($storagePage)` in case of write operations with extbase (delete, update, add), which in turn needs a valid backend user.

#10 - 2018-09-04 09:06 - Benni Mack

- Related to Task #82497: Streamline \TYPO3\CMS\Backend\Utility\BackendUtility::getPagesTSconfig added

#11 - 2018-09-04 09:08 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/58174

#12 - 2018-09-04 10:30 - Benni Mack

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset 3260e09382068949e03cf4d6ca2a497275c2671e.

#13 - 2018-10-02 10:44 - Benni Mack

- Status changed from Resolved to Closed