TYPO3 Core - Bug #57957

TYPO3\CMS\Dbal\DatabasDatabaseConnection::sql_fetch_assoc() might return null

2014-04-15 18:40 - Tim mie

Status:	Closed		**Start date:**	2014-04-15
Priority:	Must have		**Due date:**	
Assignee:	Jigal van Hemert		**% Done:**	100%
Category:	Database API (Doctrine DBAL)		**Estimated time:**	1.00 hour
Target version:				
TYPO3 Version:	6.2		**Complexity:**	no-brainer
PHP Version:			**Is Regression:**	No
Tags:			**Sprint Focus:**	

Description

I found a little bug while using DBAL.

A little background,
In the default situation, TYPO3\CMS\Core\Database\DatabaseConnection::sql_fetch_assoc() returns FALSE if the end of a resultset is reached

```
When using DBAL, TYPO3\CMS\Dbal\Database\DatabaseConnection::sql_fetch_assoc() returns NULL if the
 end of a resultset is reached (using native mysqli driver).
```

In the class TYPO3\CMS\Frontend\Controller\TypoScriptFrontendController (Typo3 6.2.0 LTS) at line 4777 it's expected that sql_fetch_assoc() returns FALSE if the end is reached. When using DBAL this results in an infinite loop.

```
while (FALSE !== ($row = $GLOBALS['TYPO3_DB']->sql_fetch_assoc($result))) {
```

Suggested solution is to add a check to TYPO3\CMS\Dbal\Database\DatabaseConnection::sql_fetch_assoc() at the end of a function to set the return value to FALSE if $output === null. The same is done in it's parent "Needed for compatibility"

Associated revisions

Revision 88f72169 - 2014-04-16 20:48 - Jigal van Hemert

[BUGFIX] DBAL sql_fetch_* must return boolean or array

If the end of a result set is reached some drivers produce NULL.
This must be changed into FALSE to be compatible with the
non-DBAL version of these functions.

Resolves: #57957
Releases: 6.2, 6.1
Change-Id: I664dd10735f88754c74e20ecd5c07fad5ef2b78d
Reviewed-on: https://review.typo3.org/29502
Reviewed-by: Mathias Schreiber
Tested-by: Mathias Schreiber
Reviewed-by: Markus Klein
Reviewed-by: Jigal van Hemert
Tested-by: Jigal van Hemert

Revision 68763faf - 2014-04-16 20:57 - Jigal van Hemert

[BUGFIX] DBAL sql_fetch_* must return boolean or array

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Change-Id: I664dd10735f88754c74e20ecd5c07fad5ef2b78d
Reviewed-on: https://review.typo3.org/29513
Reviewed-by: Jigal van Hemert
Tested-by: Jigal van Hemert

History

#1 - 2014-04-16 10:30 - Jigal van Hemert

- Assignee set to Jigal van Hemert

#2 - 2014-04-16 11:00 - Gerrit Code Review

- Status changed from New 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/29502

#3 - 2014-04-16 20:55 - Gerrit Code Review

Patch set 1 for branch **TYPO3_6-1** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/29513

#4 - 2014-04-16 21:30 - Jigal van Hemert

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset 68763faf3bbcaafb5753ae952fe3614ad9aeb10b.

#5 - 2018-10-02 11:58 - Benni Mack

- Status changed from Resolved to Closed