

TYPO3 Core - Bug #89848

Database Analyzer crashes with undefined enum fields

2019-12-04 15:45 - Richard Haeser

Status:	Under Review	Start date:	2019-12-04
Priority:	Should have	Due date:	
Assignee:		% Done:	0%
Category:	Database API (Doctrine DBAL)	Estimated time:	0.00 hour
Target version:		Complexity:	
TYPO3 Version:	10	Is Regression:	
PHP Version:		Sprint Focus:	
Tags:			

Description

When you have a field in a column of type enum that is not specified in a sql file in the installation, the Database Analyzer in the install tool will crash and throws the error "array_map(): Argument #2 should be an array in /var/www/html/typo3/sysext/core/Classes/Database/Schema/Types/EnumType.php line 38". When you have the definition in a sql file of an extension, this won't cause an issue.

How to reproduce:

- Create a new field in tt_content with type enum and some values and a random name
- Go to Database Analyzer in install tool and run it

History

#1 - 2019-12-05 15:15 - Susanne Moog

- File Annotation 2019-12-05 151443.png added
- Status changed from New to Needs Feedback

Hmm, I did:

```
alter table tt_content
  add foobar enum('foo', 'bar') null;
```

Result - see attached screenshot. Database Analyzer is fine.

#2 - 2019-12-05 15:21 - Richard Haeser

Just executed your SQL and I get in the database analyzer:

```
TYPO3\CMS\Core>Error\ErrorHandler->handleError(2, 'array_map(): Argument #2 should be an array',
'/var/www/html/typo3/sysext/core/Classes/Database/Schema/Types/EnumType.php', 38, array('fieldDeclaration' =>
array('name' => 'zzz_deleted_foobar', 'type' => object(TYPO3\CMS\Core\Database\Schema\Types\EnumType),
'default' => 'NULL', 'notnull' => false, 'length' => null, 'precision' => 10, 'scale' => 0, 'fixed' => false,
'unsigned' => false, 'autoincrement' => false, 'columnDefinition' => null, 'comment' => ''), 'platform' =>
object(Doctrine\DBAL\Platforms\MariaDb1027Platform)))
```

MariaDB: 10.2

Default DDEV setup (v1.11)

#3 - 2019-12-05 15:23 - Richard Haeser

When I change \TYPO3\CMS\Core\Database\Schema\Types\EnumType::getSQLDeclaration to make sure an array is always forced, I get the same result as you. But try to execute that update command ;-)

#4 - 2019-12-05 15:32 - Gerrit Code Review

- Status changed from Needs Feedback 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/c/Packages/TYPO3.CMS/+62543>

#5 - 2021-01-02 12:06 - Joerg Kummer

Confirmed

#6 - 2021-03-25 14:19 - Gerrit Code Review

Patch set 2 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/+62543>

Files

Annotation 2019-12-05 151443.png	18.9 KB	2019-12-05	Susanne Moog
----------------------------------	---------	------------	--------------