

TYPO3 Core - Bug #87411

Multiple conditions for QueryBuilder leftJoin not possible

2019-01-11 15:59 - Stefan Froemken

Status:	Closed	Start date:	2019-01-11
Priority:	Should have	Due date:	
Assignee:	Stefan Froemken	% Done:	100%
Category:	Database API (Doctrine DBAL)	Estimated time:	0.00 hour
Target version:	next-patchlevel	Complexity:	easy
TYPO3 Version:	8	Is Regression:	
PHP Version:	7.1	Sprint Focus:	
Tags:			

Description

Hello Core-Team,

in case of joining f.e. sys_category I have to do generate following SQL

```
LEFT JOIN sys_category_record_mm
ON tx_events2_domain_model_event.uid = sys_category_record_mm.uid_foreign
AND sys_category_record_mm.tablenames = 'tx_events2_domain_model_event'
AND sys_category_record_mm.fieldname = 'categories'
```

I tried to solve it like described here:

<https://stackoverflow.com/questions/15815869/doctrine2-left-join-with-2-conditions>

```
$queryBuilder->leftJoin(
    'e',
    'sys_category_record_mm',
    'cmm',
    $queryBuilder->expr()->andX(
        $queryBuilder->expr()->eq(
            'e.uid',
            $queryBuilder->quoteIdentifier('cmm.uid_foreign')
        ),
        $queryBuilder->expr()->eq(
            'cmm.tablenames',
            $queryBuilder->createNamedParameter('tx_events2_domain_model_event', \PDO::PARAM_STR)
        ),
        $queryBuilder->expr()->eq(
            'cmm.fieldname',
            $queryBuilder->createNamedParameter('categories', \PDO::PARAM_STR)
        )
    )
);
```

But that results in an error message like "CompositeExpression given but string expected."

Right. You have strict typed 4th parameter in leftJoin:

```
public function leftJoin(string $fromAlias, string $join, string $alias, string $condition = null)
: QueryBuilder
```

Is it a problem to remove that strict type?

Stefan

History

#1 - 2019-01-11 16:04 - 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/59412>

#2 - 2019-01-11 20:47 - 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/59412>

#3 - 2019-01-14 08:00 - Stefan Froemken

- *Status changed from Under Review to Resolved*
- *Assignee set to Stefan Froemken*
- *% Done changed from 0 to 100*

Ticket can be closed. Use `getConcreteQueryBuilder()->leftJoin()` or cast `ExpressionBuilder` to string.

#4 - 2019-05-07 12:13 - Benni Mack

- *Status changed from Resolved to Closed*