

TYPO3.Flow - Feature #31803

Accessing Query Builder

2011-11-14 15:28 - Carsten Bleicker

Status:	Resolved	Start date:	2011-11-14
Priority:	Should have	Due date:	
Assignee:		% Done:	100%
Category:	Persistence	Estimated time:	0.00 hour
Target version:		Complexity:	
PHP Version:	5.3		
Has patch:	No		

Description

Hi Folks,
i need a special query with additional fields in select statement and a HAVING.

for example:

```
$query = "SELECT ort, plz, (  
".$radius." * SQRT) *  
cos(".$rad_b.") * (sin(RADIANS) *  
sin(".$rad_l.") + cos(RADIANS) *  
cos(".$rad_l.") - sin(RADIANS) * sin(".$rad_b.")) AS Distance  
FROM plz Having Distance <= ".$umkreis."  
ORDER BY Distance  
";
```

as far as i know i can add special fields with:

```
$this->queryBuilder()->add();
```

 by the queryBuilder of \TYPO3\FLOW3\Persistence\Doctrine\Query.

But the query builder is protected and there is no getter for it.

It is a good or a bad idea to add public function getQueryBuilder into the Query Class to enable a usage like:

```
$this->query->getQueryBuilder->add('select'...)?
```

if anybody could tell me how to do the query above, please tell me.

thanks a lot!

carsten

History

#1 - 2011-11-19 14:21 - Carsten Bleicker

if queryBuilder is accessible the whole power of doctrine could be used by default in repositories.

for example:

```
$this->query->getQueryBuilder()->join()
```

```
or $this->query->getQueryBuilder()->having().
```

but in case i make it public and build the query as above the CountWalker throws exceptions because some vars missing in

```
$this->_getQueryComponents()
```

if something is in select wich has nothing to do with properties of the model.

i dont know exactly. but is doctrine configuration also available somewhere?

if it isnt it would be also usefull to do to register some functions for Doctrine\ORM\Query\AST\Functions.

for example:

```
$query->getEntityManager()->getConfiguration()->addCustomNumericFunction('ACOS', 'BLEICKER\Social\Persistence\Doctrine\ORM\Query\AST\Fu  
nctions\AcosFunction');
```

#2 - 2011-11-22 12:45 - Karsten Dambekalns

- Target version deleted (1.0.1)

#3 - 2012-03-07 17:14 - Karsten Dambekalns

- Tracker changed from Bug to Feature

#4 - 2014-02-21 10:03 - Franz Kugelmann

Just stumbled upon a snippet for such needs from Bastian:

<https://gist.github.com/bwaidelich/5433673>

#5 - 2015-03-05 14:31 - Karsten Dambekalns

- *Status changed from New to Resolved*

- *% Done changed from 0 to 100*

This has been solved as a side effect of FLOW-110, Doctrine\Query now has getQueryBuilder()