

TYPO3.Flow - Feature # 31803

Status:	Resolved	Priority:	Should have
Author:	Carsten Bleicker	Category:	Persistence
Created:	2011-11-14	Assigned To:	
Updated:	2015-03-05	Due date:	
PHP Version:	5.3		
Has patch:	No		
Complexity:			
Subject:	Accessing Query Builder		
Description			
<p>Hi Folks,</p> <p>i need a special query with additional fields in select statement and a HAVING.</p> <p>for example:</p> <pre>\$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 <= ".\$sumkreis." ORDER BY Distance ";</pre> <p>as far as i know i can add special fields with: \$this->queryBuilder()->add(); by the queryBuilder of \TYPO3\FLOW3\Persistence\Doctrine\Query.</p> <p>But the query builder is protected and there is no getter for it.</p> <p>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'...)?</p> <p>if anybody could tell me how to do the query above, please tell me.</p> <p>thanks a lot! carsten</p>			

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
```

ctions\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()