

TYPO3.Flow - Bug # 26885

Status:	Resolved	Priority:	Should have
Author:	Bastian Waidelich	Category:	Persistence
Created:	2011-05-18	Assigned To:	Karsten Dambekalns
Updated:	2011-12-24	Due date:	
PHP Version:			
Has patch:	No		
Complexity:			
Affected Flow version: FLOW3 1.0.0			
Subject:	It's not possible to order by relation properties		
Description			
<p>The following code (in a custom repository) won't work if "proposedSessionType" is a relation..</p> <pre>1protected \$defaultOrderings = array(2 'proposedSessionType' => QueryInterface::ORDER_ASCENDING, 3);</pre>			
<p>Also it does not work to order by properties of a relation like:</p> <pre>1protected \$defaultOrderings = array(2 'proposedSessionType.title' => QueryInterface::ORDER_ASCENDING, 3);</pre>			

Associated revisions

Revision 1d999c31 - 2011-08-27 14:40 - Ferdinand Kuhl

[BUGFIX] It's not possible to order by relation properties

setOrderings() of Doctrine\Query did not work on relation attributes.

Now using the getPropertynameWithAlias - method to implicit join needed relations.

Change-Id: Ib6d967ccc97ed64828bea8765edea5dd8c63aa0a

Resolves: #26885

History

#1 - 2011-05-18 22:08 - Karsten Dambekalns

- Status changed from New to Accepted

#2 - 2011-08-25 15:17 - Ferdinand Kuhl

a bit more on this issue: setOrderings() appends rootAlias . "proposedSessionType" to the orderBy-Clause. And apparently multi-dot-notation has been dropped shortly by doctrine:

<http://www.doctrine-project.org/projects/orm/2.1/docs/whats-new/en>

The only possibility I can see at the moment is detect "." in the argument, do a join for this table and rewrite the order by statement.

Has anyone problems with that? Should I try to prepare a patch?

#3 - 2011-08-26 10:14 - Ferdinand Kuhl

Great! As there is already a method "getPropertyNameWithAlias" its extremely easy to fix this:

Just change

```
1 public function setOrderings(array $orderings) {
2     $this->orderings = $orderings;
3     $this->queryBuilder->resetDQLPart('orderBy');
4     foreach ($this->orderings AS $propertyName => $order) {
5         $this->queryBuilder->addOrderBy($this->queryBuilder->getRootAlias() . '.' . $propertyName, $order);
6     }
7 }
8 return $this;
9 }
```

to

```
1 public function setOrderings(array $orderings) {
2     $this->orderings = $orderings;
3     $this->queryBuilder->resetDQLPart('orderBy');
4     foreach ($this->orderings AS $propertyName => $order) {
5         $this->queryBuilder->addOrderBy($this->getPropertyNameWithAlias($propertyName), $order);
6     }
7     return $this;
8 }
```

#4 - 2011-08-27 15:09 - Ferdinand Kuhl

- *File issue26885.patch added*

Prepared a patch using git, but as I have not yet signed the CLA I am not allowed to commit it to gerrit.

Hope it helps to speed things up. Have I really have to send a fax?

#5 - 2011-09-01 17:58 - Mr. Hudson

- *Status changed from Accepted to Under Review*

Patch set 1 of change lb6d967ccc97ed64828bea8765edea5dd8c63aa0a has been pushed to the review server.

It is available at <http://review.typo3.org/4725>

#6 - 2011-09-02 18:37 - Mr. Hudson

Patch set 2 of change lb6d967ccc97ed64828bea8765edea5dd8c63aa0a has been pushed to the review server.

It is available at <http://review.typo3.org/4725>

#7 - 2011-10-21 13:20 - Karsten Dambekalns

- *Affected Flow version set to FLOW3 1.0.0*

#8 - 2011-12-24 14:14 - Sebastian Kurfuerst

- *Status changed from Under Review to Resolved*

- *Has patch set to No*

already merged long ago

Files

patch.jpg	9 kB	2011-05-18	Bastian Waidelich
issue26885.patch	1.2 kB	2011-08-27	Ferdinand Kuhl