

TYPO3.Flow - Task # 9710

Status:	Resolved	Priority:	Must have
Author:	Karsten Dambekalns	Category:	Persistence
Created:	2010-09-13	Assigned To:	Karsten Dambekalns
Updated:	2010-10-20	Due date:	
Sprint:			
PHP Version:			
Has patch:			
Complexity:			
Subject:	Refactor QueryResultProxy behaviour		
Description			
The following seems reasonable:			
<ul style="list-style-type: none">- rename QueryResultProxy to QueryResult- get rid of FETCH_* and have execut()@e always return @QueryResult- add QueryResult->getFirst() (or similar) to replicate FETCH_OBJECT- add toArray() (or similar) to QueryResult to ease iterator_to_array() hassle			
Hint: inject DataMapper and PersistenceManager to QueryResult to get actual data there instead of through no-logger-existing-FETCH_ARRAY...			
Related issues:			
related to TYPO3.Flow - Feature # 8774: Query::execute() should return a Prox...			Resolved

Associated revisions

Revision 1396898d - 2010-09-23 15:24 - Karsten Dambekalns

[!!!][~TASK] FLOW3 (Persistence): Refactor QueryResultProxy into QueryResult

Query->execute() now only returns QueryResultInterface instances, those results have a toArray() method to get the result as array of objects and a getFirst() which returns the first object found.

The count() method has been removed from the Query class and is now expected to be used on the query result, so that each \$query->count() now should read \$query->execute()->count().

Change-Id: Ib3fb13bce47772b34992cb357b2b4493850b832e

Resolves: #9710

Revision f87c4aed - 2010-09-23 16:14 - Karsten Dambekalns

[~TASK] FLOW3: Make codebase use new QueryResult properly

The change introduced in Ib3fb13bce47772b34992cb357b2b4493850b832e was not reflected properly in PropertyMapper and AccountRepository.

Relates to: #9710

Change-Id: I17e1138c1ec8aaa74ac6a7d1d944a0b8312b7e1c

History

#1 - 2010-09-13 18:20 - Karsten Dambekalns

- Category set to Persistence
- Start date deleted (2010-09-13)

#2 - 2010-09-14 22:32 - Bastian Waidelich

Note: As discussed QueryResult::getFirst() should return NULL instead of FALSE if the result set is empty

#3 - 2010-09-16 17:47 - Karsten Dambekalns

- Status changed from New to Accepted
- Assigned To set to Karsten Dambekalns

#4 - 2010-09-20 12:46 - Karsten Dambekalns

- Status changed from Accepted to Needs Feedback

getFirst() would be pure syntactic sugar, as it's the same as \$result->current() - I'd say we sip that.

More interesting is the name of the array-returning method. Should it be

- toArray() - misleading, as it's not the equivalent of a typecast
- asArray() - well it's not the QueryResult that's being returned, but the objects inside
- getObjectInAnArray() - seems quite long
- getResultAsArray() - similar to asArray(), same problem

Any more?

#5 - 2010-09-20 13:09 - Sebastian Kurfuerst

Karsten Dambekalns wrote:

| *getFirst() would be pure syntactic sugar, as it's the same as \$result->current() - I'd say we sip that.*

I'd still prefer to have a "getFirst()" method, as it is a lot more intuitive to read "getFirst()" instead of "current()".

| *More interesting is the name of the array-returning method. Should it be - toArray() - misleading, as it's not the equivalent of a typecast*

I'd suggest that, as **for the user**, it looks like as the query result is converted to an array.

So "toArray" reads most natural for me.

Greets,
Sebastian

#6 - 2010-09-20 13:10 - Bastian Waidelich

Karsten Dambekalns wrote:

| *getFirst() would be pure syntactic sugar, as it's the same as \$result->current() - I'd say we sip that.*

I'd prefer to keep the `getFirst()`. It could internally clone the query and call `setLimit(1)` for greater performance

More interesting is the name of the array-returning method. Should it be

- `toArray()` - misleading, as it's not the equivalent of a typecast
- `asArray()` - well it's not the `QueryResult` that's being returned, but the objects inside
- `getObjectsInAnArray()` - seems quite long
- `getResultAsArray()` - similar to `asArray()`, same problem

I like `toArray()` best. And in fact it should behave the same as `iterator_to_array($result)` doesn't it?

#7 - 2010-09-20 13:13 - Karsten Dambekalns

Bastian Waidelich wrote:

I like `toArray()` best. And in fact it should behave the same as `iterator_to_array($result)` doesn't it?

Yes, but not the same as `(array)$result...` which is the difference to `__toString()`

#8 - 2010-09-20 13:18 - Bastian Waidelich

Karsten Dambekalns wrote:

Bastian Waidelich wrote:

I like `toArray()` best. And in fact it should behave the same as `iterator_to_array($result)` doesn't it?

Yes, but not the same as `(array)$result...` which is the difference to `__toString()`

I still think to the user it's the same.

`$result->__toArray()` would be a different issue IMO

#9 - 2010-09-20 16:38 - Karsten Dambekalns

- Status changed from *Needs Feedback* to *Under Review*

#10 - 2010-09-23 15:45 - Karsten Dambekalns

- Status changed from *Under Review* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset commit:"1396898d2d764e28a1c01ac48e59ed7c51b77363".