

TYPO3 Core - Feature #34944

Paginate viewhelper should be possible to handle non-query-result objects

2012-03-16 17:07 - most wanted

Status:	Closed	Start date:	2012-03-16
Priority:	Should have	Due date:	
Assignee:		% Done:	100%
Category:	Fluid	Estimated time:	0.00 hour
Target version:	6.2.16	Complexity:	
PHP Version:		Sprint Focus:	
Tags:			
Description			
this threat is associated to the ticket: http://lists.typo3.org/pipermail/typo3-project-typo3v4mvc/2012-March/011988.html			
Related issues:			
Related to TYPO3.Fluid - Feature #11740: Paginate viewhelper should be possib...		Closed	2010-12-27

Associated revisions

Revision ec9899d6 - 2015-01-18 22:29 - Tom Ruether

[FEATURE] Paginate should handle non-query-result objects

Sometimes it is necessary to use an object storage or an array instead of a query result.

Resolves: #34944
Releases: master
Change-Id: Ibbfbb30f005f9a21d4f59e7db1d3d0c7046b6a51
Reviewed-on: <http://review.typo3.org/25687>
Reviewed-by: Anja Leichsenring <leichsenring@ab-softlab.de>
Tested-by: Anja Leichsenring <leichsenring@ab-softlab.de>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

History

#1 - 2012-03-17 19:30 - most wanted

--- quote ---

Hello,

sometimes it is necessary to use an object storage or an array instead of an query result. If this is the case, it is not possible to use the default paginate viewhelper anymore, cause it is requiring a Tx_Extbase_Persistence_QueryResultInterface.

I've copied the widget and changed it to work with array. This is my indexAction of PaginatorController:

```
public function indexAction($currentPage = 1) {
    // set current page
    $this->currentPage = (integer)$currentPage;
    if ($this->currentPage < 1) {
        $this->currentPage = 1;
    } elseif ($this->currentPage > $this->numberOfPages) {
        $this->currentPage = $this->numberOfPages;
    }
}

$i = 0;
$itemsPerPage = (integer)$this->configuration['itemsPerPage'];
$modifiedObjects = array();
$indexMin = $itemsPerPage * ($this->currentPage - 1);
$indexMax = $itemsPerPage * $this->currentPage - 1;

foreach ($this->objects as $object) {
    if ($i >= $indexMin && $i <= $indexMax ) {
        $modifiedObjects[] = $object;
    }
}
```

```

    }
    $i++;
}

$this->view->assign('contentArguments', array(
    $this->widgetConfiguration['as'] => $modifiedObjects
));
$this->view->assign('configuration', $this->configuration);
$this->view->assign('pagination', $this->buildPagination());
}

```

Of course you would have to remove the requirement of `Tx_Extbase_Persistence_QueryResultInterface` in `PaginateViewHelper` (Line 76 and 71) and `PaginateController` (Line 34) too.

This example is for arrays only, but if you make a check of the objecttype you can consolidate the support of queryResults (current) and arrays (this code example).

And it is relatively less work.

--- /quote ---

#2 - 2012-09-11 09:11 - Ingo Pfennigstorf

- Category set to 964
- Status changed from New to Accepted
- Target version set to 6.1.0

#3 - 2012-09-21 09:48 - Ingo Pfennigstorf

- Target version changed from 6.1.0 to 1910

#4 - 2012-12-07 14:40 - Max Messing

```

// Modified to let it work with non query result interfaces
if(is_a($this->objects, 'Tx_Extbase_Persistence_QueryResultInterface')){
    $query = $this->objects->getQuery();
    $query->setLimit($itemsPerPage);
    if ($this->currentPage > 1) {
        $query->setOffset((integer)($itemsPerPage * ($this->currentPage - 1)));
    }
    $modifiedObjects = $query->execute();
}else{
    $offset = 0;
    if ($this->currentPage > 1) {
        $offset = ((integer)($itemsPerPage * ($this->currentPage - 1)));
    }
    $modifiedObjects = array_slice($this->objects->toArray(), $offset, (integer)$this->configurati
on['itemsPerPage']);
}

```

#5 - 2013-01-02 13:37 - Anja Leichsenring

- Project changed from 534 to 2559
- Category changed from 964 to Fluid: Widgets
- Target version deleted (1910)

#6 - 2013-11-19 14:44 - Mohamed Rebai

Is this feature going to be implemented or not ? I need to apply a pagination on a array!

#7 - 2013-11-26 12:07 - Gerrit Code Review

- Status changed from Accepted 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/25687>

#8 - 2013-11-26 13:55 - 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/25687>

#9 - 2013-11-27 11:41 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25687>

#10 - 2014-09-12 10:33 - Alexander Opitz

- *Project changed from 2559 to TYPO3 Core*
- *Category changed from Fluid: Widgets to Fluid*

#11 - 2014-12-21 21:01 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#12 - 2014-12-21 21:29 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#13 - 2014-12-22 09:48 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#14 - 2014-12-22 12:21 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#15 - 2014-12-22 13:38 - Gerrit Code Review

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#16 - 2014-12-22 14:19 - Gerrit Code Review

Patch set 11 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#17 - 2015-01-02 23:39 - Gerrit Code Review

Patch set 12 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#18 - 2015-01-18 16:21 - Gerrit Code Review

Patch set 13 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#19 - 2015-01-18 16:22 - Gerrit Code Review

Patch set 14 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#20 - 2015-01-18 17:00 - Gerrit Code Review

Patch set 15 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <http://review.typo3.org/25687>

#21 - 2015-01-18 22:30 - Tom Ruether

- *Status changed from Under Review to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset [ec9899d601dd5b318c62ba9c6653bf9543525821](#).

#22 - 2015-09-11 13:59 - Julian Stock

- *File Bildschirmfoto 2015-09-11 um 13.59.32.png added*
- *Target version set to 6.2.16*

This problem has been solved 8 months ago and it's still not merged into the core? w00t! :D (Tried v6.2.15)

#23 - 2016-02-23 14:41 - Bernhard Eckl

I replaced the two files, is there any cache to delete to get it to work then? I cleared all caches with no change...

#24 - 2016-02-23 14:49 - Tilo Baller

Bernhard Eckl wrote:

I replaced the two files, is there any cache to delete to get it to work then? I cleared all caches with no change...

Clearing cache in TYPO3 Backend might not be enough, try clearing cache in Install Tool. You also might have to clear your opcode cache, if any.

#25 - 2017-10-23 21:48 - Riccardo De Contardi

- *Status changed from Resolved to Closed*

Files

Bildschirmfoto 2015-09-11 um 13.59.32.png	89.4 KB	2015-09-11	Julian Stock
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