

TYPO3.Flow - Feature # 37436

Status:	Resolved	Priority:	Should have
Author:	Sebastian Wojtowicz	Category:	Property
Created:	2012-05-23	Assigned To:	Christopher Hlubek
Updated:	2012-12-10	Due date:	
PHP Version:	5.3		
Has patch:	Yes		
Complexity:			
Subject:	PropertyMapper should allow settings like allowCreationForSubProperty('products.[n].tierprices.[n]')		
Description	<p>In some projects you might want to allow objects with an unknown amount of sub objects like a catalog with products with images, tierprices and colorconfigurations. Imagine a products form with x rows and a <Add row> button at the bottom that dynamically creates new empty rows with an increased index so you can add as many products as you want. In my case it's even quite a lot more complex.</p> <p>So... something like this is needed</p> <p>(I)</p> <pre><code>\$this->arguments['newCatalog']->getPropertyMappingConfiguration()->allowCreationForSubProperty('products.[n]'); \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->allowCreationForSubProperty('products.[n].tierprices'); \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->allowCreationForSubProperty('products.[n].tierprices.[n]'); \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->allowCreationForSubProperty('products.[n].tierprices.[n].price' ;</code></pre> <p>instead of</p> <p>(II)</p> <pre><code>for(\$i = 0 ; \$i < \$very_big_number ; \$i++){ for(\$j = 0 ; \$j < \$very_big_number ; \$j++){ \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->allowCreationForSubProperty("products.\$i"); \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->allowCreationForSubProperty("products.\$i.tierprices"); \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->allowCreationForSubProperty("products.\$i.tierprices.\$j"); } } \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->allowCreationForSubProperty("products.\$i.tierprices.\$j.price"); }</code></pre> <p>and also this should be possible</p> <p>(III)</p> <pre><code>\$this->arguments['newCatalog']->getPropertyMappingConfiguration()->getConfigurationFor('products')->allowProperties('[n]'); \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->getConfigurationFor('products')->getConfigurationFor('[n]')->allowProperties('tierprices'); \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->getConfigurationFor('products')->getConfigurationFor('[n]')->getConfigurationFor('tierprices')->allowProperties('[n]'); \$this->arguments['newCatalog']->getPropertyMappingConfiguration()->getConfigurationFor('products')->getConfigurationFor('[n]')->getConfigurationFor('tierprices')->getConfigurationFor('[n]')->allowProperties('price');</code></pre>		

of course it would be handy to have the allowProperties auto-created by a special renderTrustedPropertiesField() method.
I could imagine a view helper like this

(IV)

```
<f:trustedUnknownAmount preRenderAmount="3" iterator="n">
  <f:trustedUnknownAmount preRenderAmount="2" iterator="m">
    <f:form.textfield property="products.{n}.tierprices.{m}.name" />
  </f:trustedUnknownAmount>
</f:trustedUnknownAmount>
```

or at least have a alternative short syntax for (III)

Related issues:

related to TYPO3.Flow - Bug # 37292: PropertyMappingConfiguration::mapUnknown...

Under Review 2012-05-18

related to TYPO3.Flow - Bug # 56107: Property mapping configuration only supp...

New 2014-02-19

Associated revisions

Revision faaee920 - 2012-08-23 12:25 - Christopher Hlubek

[FEATURE] Allow mapping of indexed property names with placeholder

For multi-valued property types (Doctrine\Common\Collections\Collection or array) the property mapper uses indexes as property names. To match the property mapping configuration for any index, the path syntax supports an asterisk as a placeholder:

```
$propertyMappingConfiguration
->forProperty('items.*')
->setTypeConverterOption(
    'TYPO3\FLOW3\Property\TypeConverter\PersistentObjectConverter',
    'TYPO3\FLOW3\Property\TypeConverter\PersistentObjectConverter::CONFIGURATION_CREATION_ALLOWED',
    TRUE
);
```

This also works recursively, as in 'items.*.author'.

Change-Id: I2fa8802ed07d341d5e5bd79bfa5df05244679fe4

Resolves: #37436

Releases: 1.1, 1.2

Revision 444cad6c - 2012-09-13 10:22 - Christopher Hlubek

[FEATURE] Allow mapping of indexed property names with placeholder

For multi-valued property types (Doctrine\Common\Collections\Collection or array) the property mapper uses indexes as property names. To match the property mapping configuration for any index, the path syntax supports an asterisk as a placeholder:

```
$propertyMappingConfiguration
->forProperty('items.*')
->setTypeConverterOption(
    'TYPO3\FLOW3\Property\TypeConverter\PersistentObjectConverter',
```

```
\TYPO3\FLOW3\Property\TypeConverter\PersistentObjectConverter::CONFIGURATION_CREATION_ALLOWED,  
TRUE  
);
```

This also works recursively, as in 'items.*.author'.

Change-Id: I2fa8802ed07d341d5e5bd79bfa5df05244679fe4
Resolves: #37436
Releases: 1.1, 1.2

History

#1 - 2012-05-23 17:03 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11547>

#2 - 2012-05-25 00:18 - Gerrit Code Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11591>

#3 - 2012-05-25 09:40 - Karsten Dambekalns

- Target version changed from 1.1 to 1.1 RC1

#4 - 2012-05-25 10:57 - Gerrit Code Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11594>

#5 - 2012-05-25 17:59 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11547>

#6 - 2012-05-26 00:03 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11547>

#7 - 2012-05-26 00:05 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11547>

#8 - 2012-05-26 00:11 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11547>

#9 - 2012-05-30 16:08 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11547>

#10 - 2012-05-30 16:13 - Gerrit Code Review

Patch set 7 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/11547>

#11 - 2012-06-18 16:08 - Gerrit Code Review

Patch set 1 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/12166>

#12 - 2012-06-18 17:12 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/12166>

#13 - 2012-06-19 11:25 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/12166>

#14 - 2012-06-19 11:28 - Karsten Dambekalns

- *Assigned To set to Christopher Hlubek*

#15 - 2012-06-20 21:15 - Karsten Dambekalns

- *Target version changed from 1.1 RC1 to 2.0 beta 1*

#16 - 2012-08-23 12:28 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/12166>

#17 - 2012-09-13 10:23 - Gerrit Code Review

Patch set 1 for branch **FLOW3-1.1** has been pushed to the review server.
It is available at <http://review.typo3.org/14575>

#18 - 2012-12-10 13:11 - Karsten Dambekalns

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*