

TYPO3.Flow - Feature # 30300

Status:	Resolved	Priority:	Should have
Author:	Christopher Hlubek	Category:	Property
Created:	2011-09-26	Assigned To:	Christopher Hlubek
Updated:	2011-12-21	Due date:	
PHP Version:			
Has patch:	No		
Complexity:			
Subject:	Support mapping to subclass by argument		
Description			
<p>When type hierarchies are used for modeling, it's necessary to map to a special subclass when creating new entities. This should be possible by a special (request) parameter in the source array of a type converter. For security reasons, this feature must be configured explicitly through a mapping configuration.</p>			
Example:			
<pre>class MyProject\MySpecialUser extends MyProject\User source = { __type: 'MyProject\MySpecialUser', name: 'Foo' } targetType = 'MyProject\User'</pre>			
<p>In this example, the created type should be an instance of MyProject\MySpecialUser.</p>			
<p>The configuration could be given through a property mapping configuration like this:</p>			
<pre>class MyObjectController { /** * @return void */ protected function initializeCreateAction() { \$argument = \$this->arguments->getArgument('newMyObject'); \$configuration = \$argument->getPropertyMappingConfiguration(); \$configuration->allowOverrideTargetType(); } }</pre>			
<p>If the given type parameter is not an instance of the target type, an exception should be thrown.</p>			
Related issues:			
related to TYPO3.Flow - Bug # 32829: Mapping to a subclass by __type property...		Resolved	2011-12-24
related to Core - Bug # 49803: Problems in overriding objects with new proper...		Resolved	2013-07-09

Associated revisions

Revision 41c21ba3 - 2011-11-07 22:29 - Christopher Hlubek

[FEATURE] Support mapping to specific subtypes by property (`__type`)

When type hierarchies are used for modeling, it's sometimes necessary to use a special subclass when creating new entities (e.g. from user selection). This change enables the use of a special (request) property "`__type`" in the source array of a type converter. For security reasons, this feature must be configured explicitly through a mapping configuration.

Resolves: #30300

Releases: 1.1

Change-Id: I6d0a9d62789bd8557a848311e1f13f0c094dc51f

History

#1 - 2011-09-26 18:07 - Mr. Hudson

- Status changed from New to Under Review

Patch set 2 of change I6d0a9d62789bd8557a848311e1f13f0c094dc51f has been pushed to the review server.

It is available at <http://review.typo3.org/5355>

#2 - 2011-09-29 11:03 - Mr. Hudson

Patch set 3 of change I6d0a9d62789bd8557a848311e1f13f0c094dc51f has been pushed to the review server.

It is available at <http://review.typo3.org/5355>

#3 - 2011-11-07 22:24 - Karsten Dambekalns

- Category set to Property
- Assigned To set to Christopher Hlubek
- Target version set to 1.1
- Has patch set to No

#4 - 2011-11-07 22:30 - Mr. Hudson

Patch set 4 of change I6d0a9d62789bd8557a848311e1f13f0c094dc51f has been pushed to the review server.

It is available at <http://review.typo3.org/5355>

#5 - 2011-11-10 11:36 - Christopher Hlubek

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

Applied in changeset commit:41c21ba3b019c4f6e31760235cff96950c750a01.

#6 - 2011-12-21 12:38 - Karsten Dambekalns

- Target version changed from 1.1 to 1.1 beta 1