

TYPO3.Flow - Bug # 27806

Status:	Resolved	Priority:	Should have
Author:	Michael Klapper	Category:	Property
Created:	2011-07-02	Assigned To:	Sebastian Kurfuerst
Updated:	2011-09-07	Due date:	
PHP Version:			
Has patch:			
Complexity:			
Affected Flow version:			
Subject:	DateTimeConverter should return Error objects for user-errors; and support converting an empty string to NULL		
Description			
<h3>Returning Error objects</h3>			
<p>The <code>\TYPO3\FLOW3\Property\TypeConverter\DateTimeConverter</code> should return an <code>\TYPO3\FLOW3>Error\Error</code> instead of throwing an <code>\TYPO3\FLOW3\Property\Exception\TypeConverterException</code>.</p> <p>The advantage of this change is the much better handling of form conversion/validation error messages. The messages are stored as "validationResults" in <code>\$this->arguments</code> of the current ActionController.</p> <p>Displaying the messages could be easily done with the Fluid ViewHelper <code>f:form.validationResults</code>.</p>			
<h3>Support "empty" DateTime -> Convert to NULL</h3>			
<p>Right now, the DateTimeConverter is required, i.e. it is not possible to define an optional DateTime object.</p> <p>When the DateTime converter returns NULL for the empty string, one can use "@validate NotEmpty" for required properties.</p>			

Associated revisions

Revision b47d1c61 - 2011-09-07 14:34 - Sebastian Kurfuerst

[!!!][BUGFIX] DateTimeConverter returns Errors instead of throwing exceptions

As described in the Property Mapper reference manual, DateTimeConverter should only throw exceptions when detecting **developer failures**. If **user failures** happen, such as invalid input, an `\TYPO3\FLOW3>Error\Error` object should instead be returned, as this is shown to the end-user in a friendly way, and the original form is redisplayed.

Furthermore, DateTimeConverter must convert an empty date string ("") to NULL; else it is not possible to define **optional** DateTime properties.

If you need a **required** DateTime property, use the @validate NotEmpty annotation in your model.

Change-Id: Ie95602c44e9d86586353514cbde2cd06259f3b30

Resolves: #27806

History

#1 - 2011-07-04 09:27 - Robert Lemke

- Category set to Property
- Assigned To set to Sebastian Kurfuerst
- Target version set to 1230

#2 - 2011-09-06 09:34 - Sebastian Kurfuerst

- Status changed from New to Accepted
- Target version changed from 1230 to 1.0 beta 2

#3 - 2011-09-06 09:37 - Sebastian Kurfuerst

- Subject changed from *DateTimeConverter should return an Error instead of throwing Exceptions to DateTimeConverter should return Error objects for user-errors; and support converting an empty string to NULL*

Hey Michael,

sorry for hijacking the description; I extended it a bit - and will work on a fix now.

Greetings,
Sebastian

#4 - 2011-09-06 09:41 - Mr. Hudson

- Status changed from Accepted to Under Review

Patch set 1 of change le95602c44e9d86586353514cbde2cd06259f3b30 has been pushed to the review server.
It is available at <http://review.typo3.org/4786>

#5 - 2011-09-07 14:36 - Mr. Hudson

Patch set 2 of change le95602c44e9d86586353514cbde2cd06259f3b30 has been pushed to the review server.
It is available at <http://review.typo3.org/4786>

#6 - 2011-09-07 15:06 - Sebastian Kurfuerst

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

Applied in changeset commit:b47d1c61aaaf67c6d9c3379d87fe132ff7bded80.