

TYPO3.Flow - Bug #11893

The hash identifying a ValueObject isn't sufficient

2011-01-05 05:38 - Jochen Rau

Status:	Resolved	Start date:	2011-01-05
Priority:	Should have	Due date:	
Assignee:	Karsten Dambekalns	% Done:	100%
Category:	Persistence	Estimated time:	0.00 hour
Target version:	1.0 beta 1	Complexity:	
PHP Version:			
Has patch:			
Description			
<p>After executing the constructor of a Value Object a hash is generated and stored in FLOW3_Persistence_ValueObject_Hash to identify the Value Object (eg. to support getIdentifierByObject(\$object)). But the algorithm for generating the hash isn't sufficient for some cases.</p> <p>Let's assume we have a Value Object \F3\MyExt\Domain\Model\Color with a property \$colorNumber=42. This Value Object has the same hash as a Value Object \F3\MyExt\Domain\Model\Length with a property \$value=42. The same problem occurs, if a Value Object stores other objects in an SplObjectStorage or uses PHP classes like DateTime.</p> <p>IMHO the identity of a ValueObject is fully determined only by taking all property values (including SplObjectStorages) and the class into account. The test for FLOW3_Persistence_Entity_UUID could possibly be dropped as a Value Object by definition can't reference to Entities.</p>			

Associated revisions

Revision c3f667d0 - 2011-07-04 14:38 - Karsten Dambekalns

[BUGFIX] Make value object hash calculation more robust

Change-Id: I45a4602fc6075aa8a19d7eebafda21b054aafabf
Fixes: #11893

History

#1 - 2011-05-24 15:37 - Karsten Dambekalns

- Status changed from New to Accepted
- Assignee set to Karsten Dambekalns
- Target version set to 1.0 beta 1

#2 - 2011-05-24 15:40 - Mr. Hudson

Patch set 1 of change I45a4602fc6075aa8a19d7eebafda21b054aafabf has been pushed to the review server. It is available at <http://review.typo3.org/2356>

#3 - 2011-06-27 14:49 - Mr. Hudson

Patch set 2 of change I45a4602fc6075aa8a19d7eebafda21b054aafabf has been pushed to the review server. It is available at <http://review.typo3.org/2356>

#4 - 2011-06-27 21:47 - Karsten Dambekalns

- Status changed from Accepted to Under Review

#5 - 2011-07-04 14:34 - Mr. Hudson

Patch set 3 of change I45a4602fc6075aa8a19d7eebafda21b054aafabf has been pushed to the review server. It is available at <http://review.typo3.org/2356>

#6 - 2011-07-04 14:38 - Mr. Hudson

Patch set 4 of change I45a4602fc6075aa8a19d7eebafda21b054aafabf has been pushed to the review server. It is available at <http://review.typo3.org/2356>

#7 - 2011-07-04 15:05 - Karsten Dambekalns

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset [c3f667d06d0b7b32662ae22c0a0f80d282dae231](#).