

## TYPO3.Flow - Task #4931

### Check correct behaviour of object replacement in persistence

2009-10-07 15:06 - Karsten Dambekalns

<b>Status:</b>	Closed	<b>Start date:</b>	2010-03-08
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>	Karsten Dambekalns	<b>% Done:</b>	50%
<b>Category:</b>	Persistence	<b>Estimated time:</b>	8.00 hours
<b>Target version:</b>		<b>Has patch:</b>	
<b>Sprint:</b>		<b>Complexity:</b>	
<b>PHP Version:</b>			
<b>Description</b>			
<p>When an object that is a persisted entity is cloned, we (through AOP) set a cloned flag <del>and drop the memorized clean state of the object</del>. Why is that flag still true after calling Repository-&gt;update() was the original question. It turns out we need to check the correct behaviour of the persistence in (at least) the following cases:</p> <ul style="list-style-type: none"><li>• cloned object is given to update(), then to add()</li><li>• cloned object is given to add(), then update()</li><li>• cloned object is given to replace(), what about doing this multiple times?</li><li>• the cloned object is given to update() and/or replace(), now the original is in turn added again</li></ul> <p>Part of the problem is to find out which of those scenarios should be allowed and what the correct behavior would be...</p> <p>The involved data that is involved with this is (at least):</p> <ul style="list-style-type: none"><li>• FLOW3_Persistence_Entity_UUID</li><li>• <del>FLOW3_Persistence_cleanProperties</del></li><li>• FLOW3_Persistence_clone</li></ul> <p><del>Along the way we probably need to make sure the memorized clean properties are not thrown away when cloning, because after an update() (or replace()) call we need those properties for correct persistence (and because of my planned solution for #4317).</del></p> <p>Also make sure entities given to replace() get the new UUID also in their internals!</p>			

#### Associated revisions

##### Revision 854bf31e - 2009-10-08 15:15 - Karsten Dambekalns

[~TASK] FLOW3 (MVC): Fixed an error with handling an error in transformValue().

[~TASK] FLOW3 (Persistence): changed the way cloning affect the memorized clean state of an entity, relates to #4931.

[~TASK] Testing: unit tests are now looked for in Tests/Unit/ instead of Tests/.

[!!!][~TASK] FLOW3 (Resource): Changed the way resources from packages are addressed: files in packages are now fetched by getResource('package:<packageKey>/<relativePathInResources>').

[!!!][~TASK] DocumentationBrowser: Moved all unit tests to new subdirectory, added directory for system tests.

[!!!][~TASK] FLOW3: Moved all unit tests to new subdirectory, added directory for system tests.

[!!!][~TASK] Fluid: Moved all unit tests to new subdirectory, added directory for system tests.

[!!!][~TASK] Kickstart: Moved all unit tests to new subdirectory, added directory for system tests.

[!!!][~TASK] Party: Moved all unit tests to new subdirectory, added directory for system tests.

[!!!][~TASK] PHP6: Moved all unit tests to new subdirectory, added directory for system tests.

[!!!][~TASK] Welcome: Moved all unit tests to new subdirectory, added directory for system tests.

[!!!][~TASK] YAML: Moved all unit tests to new subdirectory, added directory for system tests.

##### Revision 3300 - 2009-10-08 15:15 - Karsten Dambekalns

[~TASK] FLOW3 (MVC): Fixed an error with handling an error in transformValue().

[~TASK] FLOW3 (Persistence): changed the way cloning affect the memorized clean state of an entity, relates to #4931.

[~TASK] Testing: unit tests are now looked for in Tests/Unit/ instead of Tests/.

[!!!][~TASK] FLOW3 (Resource): Changed the way resources from packages are addressed: files in packages are now fetched by getResource('package:<packageKey>/<relativePathInResources>').

[!!!][~TASK] DocumentationBrowser: Moved all unit tests to new subdirectory, added directory for system tests.

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[!!!][~TASK] YAML: Moved all unit tests to new subdirectory, added directory for system tests.

#### **Revision 616762ca - 2010-02-24 12:07 - Karsten Dambekalns**

[+BUGFIX] FLOW3 (Persistence): Fixed a bug with persistence that hit when updated objects were to be persisted but seen through a property of another object first (order of persistObject calls). Fixes #6581, relates to #4931.

#### **Revision 3851 - 2010-02-24 12:07 - Karsten Dambekalns**

[+BUGFIX] FLOW3 (Persistence): Fixed a bug with persistence that hit when updated objects were to be persisted but seen through a property of another object first (order of persistObject calls). Fixes #6581, relates to #4931.

## **History**

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### **#1 - 2010-01-20 11:06 - Karsten Dambekalns**

- *Target version set to 1.0 alpha 8*

### **#2 - 2010-02-24 11:34 - Karsten Dambekalns**

- *Status changed from New to Accepted*

- *Assignee set to Karsten Dambekalns*

### **#3 - 2010-03-09 17:34 - Robert Lemke**

- *% Done changed from 0 to 50*

- *Estimated time set to 8.00 h*

### **#4 - 2010-03-11 11:30 - Robert Lemke**

- *Start date changed from 2009-10-07 to 2010-03-08*

### **#5 - 2010-04-15 22:25 - Karsten Dambekalns**

- *Target version changed from 1.0 alpha 8 to 1.0 alpha 9*

### **#6 - 2010-05-28 17:39 - Robert Lemke**

- *Target version deleted (1.0 alpha 9)*

### **#7 - 2011-04-29 21:43 - Karsten Dambekalns**

- *Status changed from Accepted to Closed*

- *translation missing: en.field\_remaining\_hours set to 8.0*