

## TYPO3.Flow - Feature #38177

### Signal/Slot adapter for persistence events

2012-06-19 17:38 - Adrian Förder

<b>Status:</b> Rejected	<b>Start date:</b> 2012-06-19
<b>Priority:</b> Could have	<b>Due date:</b>
<b>Assignee:</b> Adrian Förder	<b>% Done:</b> 0%
<b>Category:</b> Persistence	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	<b>Complexity:</b>
<b>PHP Version:</b>	
<b>Has patch:</b> No	

**Description**

Doctrine offers the so-called "lifecycle" events that are emitted on various stages in the life of an entity. I'd suggest to provide an Interface/Implementation pair for FLOW3 that translates these events to FLOW3 signals.

At the first draft, the implementation would of course handle Doctrine events.

My question to start with is, what "events" should that cover, initially? As a reminder; Doctrine offers

- preRemove
- postRemove
- prePersist
- postPersist
- preUpdate
- postUpdate
- postLoad
- loadClassMetadata
- preFlush
- onFlush
- postFlush
- onClear

Do we need to cover all these events? We should regard that not all backends offer exact equivalents, so we should agree to some common denominator.

**Related issues:**

Related to TYPO3.Flow - Feature #47228: Allow doctrine event listeners to be ...	<b>Resolved</b>	<b>2013-04-15</b>
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#### History

##### #1 - 2012-06-19 17:38 - Adrian Förder

- Status changed from New to Accepted

##### #2 - 2012-06-20 09:59 - Adrian Förder

OK, so far I would go for the following signals:

- emitObjectUpdated(\$object)
- emitObjectPersisted(\$object)
- emitObjectRemoved(\$object)

while looking around for some ideas, I discovered the Generic\Backend\AbstractBackend's methods, having emitRemovedObject() and emitPersistedObject(), whereas the latter additionally sends the state of the object: OBJECTSTATE\_RECONSTITUTED or OBJECTSTATE\_NEW.

This could be also adapted to that Persistence Signal Emitter, but mustn't. Consider this as a note only.

##### #3 - 2012-06-20 11:39 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/12210>

##### #4 - 2012-12-10 13:18 - Karsten Dambekalns

- Target version deleted (2.0 beta 1)

**#5 - 2013-08-14 15:56 - Karsten Dambekalns**

- Status changed from Under Review to Rejected