TYPO3.Flow - Bug #34448

Integrity constraint violation on FLOW3 resource tables

2012-03-01 17:01 - Jonas

Status:	Resolved		**Start date:**	2012-03-01
Priority:	Should have		**Due date:**	
Assignee:	Karsten Dambekalns		**% Done:**	100%
Category:	Persistence		**Estimated time:**	0.00 hour
Target version:				
PHP Version:	5.3		**Complexity:**	
Has patch:	No			

Description

I have an own model/class/controller, called "award" with a property mapped to the standard FLOW3 resource table.

```
/**
 * The image
 * @var \TYPO3\FLOW3\Resource\Resource
 * @ORM\ManyToOne(targetEntity="\TYPO3\FLOW3\Resource\Resource")
    */
  protected $image;
```

This works fine, the images get uploaded and the resource and resourcepointer tables are correctly filled. Then I created two of my award models and uploaded the same image for every one. Still all works fine, the resourcepointer table stays with only one entry and the resource table filled up with the same 'resourcepointer'-field for every record.

The error occurs when I try to delete my award-object. It seems FLOW3 tries to delete the only record of the resourcepointer table even though there still exist references from my other award-object.
This naturally fails and the following error pops up:

```
SQLSTATE[23000]: Integrity constraint violation: 1451 Cannot delete or update a parent row: a fore
ign key constraint fails (`praemien`.`typo3_flow3_resource_resource`, CONSTRAINT `typo3_flow3_reso
urce_resource_ibfk_1` FOREIGN KEY (`resourcepointer`) REFERENCES `typo3_flow3_resource_resourcepoi
nter` (`hash`)
13 PDOStatement::execute(array)
12 Doctrine\DBAL\Connection::executeUpdate("DELETE FROM typo3_flow3_resource_resourcepointer WHERE
 hash = ?", array)
11 Doctrine\DBAL\Connection::delete("typo3_flow3_resource_resourcepointer", array)
10 Doctrine\ORM\Persisters\BasicEntityPersister::delete(TYPO3\FLOW3\Persistence\Doctrine\Proxies\T
YPO3FLOW3ResourceResourcePointerProxy)
9 Doctrine\ORM\UnitOfWork::executeDeletions(TYPO3\FLOW3\Persistence\Doctrine\Mapping\ClassMetadata
)
8 Doctrine\ORM\UnitOfWork::commit()
7 Doctrine\ORM\EntityManager::flush()
6 TYPO3\FLOW3\Persistence\Doctrine\PersistenceManager_Original::persistAll("TYPO3\FLOW3\Core\Boots
trap::finishedRuntimeRun")
5 call_user_func_array(array, array)
4 TYPO3\FLOW3\SignalSlot\Dispatcher::dispatch("TYPO3\FLOW3\Core\Bootstrap", "finishedRuntimeRun",
array)
3 TYPO3\FLOW3\Core\Bootstrap::emitFinishedRuntimeRun()
2 TYPO3\FLOW3\Core\Bootstrap::handleWebRequest()
1 TYPO3\FLOW3\Core\Bootstrap::run()
```

Associated revisions

Revision 02a7d844 - 2012-06-01 18:55 - Ferdinand Kuhl

[BUGFIX] Integrity constraint violation deleting resources

If you have two resources using the same resource pointer,
deleting a Resource will trigger deletion of the
connected ResourcePointer which then leads to an integrity
constraint violation.

This patch tells doctrine NOT to cascade delete operations.
This will lead to orphan resource-pointers which have to
be deleted manually or on a regular base.

Change-Id: I3c98bfc603d5093af96b991e26b9eff3b2f5c840
Fixes: #34448
Releases: 1.1, 1.2

Revision 8b383f62 - 2012-06-01 18:58 - Ferdinand Kuhl

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History

#1 - 2012-03-07 17:46 - Karsten Dambekalns

- Category changed from - Error Handler Report - to Persistence

- Status changed from New to Accepted

- Assignee set to Karsten Dambekalns

#2 - 2012-04-02 23:13 - 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/10137

#3 - 2012-04-02 23:33 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.
It is available at http://review.typo3.org/10137

#4 - 2012-06-01 18:56 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.
It is available at http://review.typo3.org/10137

#5 - 2012-06-01 18:58 - Gerrit Code Review

Patch set 1 for branch **FLOW3-1.1** has been pushed to the review server.
It is available at http://review.typo3.org/11800

#6 - 2012-06-01 19:37 - Ferdinand Kuhl

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset 8b383f621e0c3a91a39d13b5b677476d71c24d2d.