

## TYPO3.Flow - Bug #33397

### Difference for ManyToMany with JoinTable annotation and without

2012-01-23 20:44 - Christian Müller

|                        |                    |                        |            |
|------------------------|--------------------|------------------------|------------|
| <b>Status:</b>         | Resolved           | <b>Start date:</b>     | 2012-01-23 |
| <b>Priority:</b>       | Should have        | <b>Due date:</b>       |            |
| <b>Assignee:</b>       | Karsten Dambekalns | <b>% Done:</b>         | 100%       |
| <b>Category:</b>       | Persistence        | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b> | 2.0 beta 1         | <b>Complexity:</b>     |            |
| <b>PHP Version:</b>    |                    |                        |            |
| <b>Has patch:</b>      | No                 |                        |            |

**Description**

There is a difference between joinColumn creation with JoinTable annotation and without for ManyToMany relations. In case there is a JoinTable annotation (and no options for columns are set) the automatic creation inverses the columns so the join works but the columns are named wrong / used wrong.

So if you join class A and Class B the resulting join table will have columns for A identifier and B identifier but the inserted identifiers are exactly the opposite. This does not happen if the JoinTable Annotation is dropped completely.

Thanks to Kira Backes for noticing.

The fix is simple but probably a breaking change.

#### Associated revisions

##### Revision f8b0bb7a - 2012-08-30 14:32 - Christian Müller

[!!!][BUGFIX] Misused JoinColumns in ManyToMany

With this fix the JoinColumns are created and used in the same way regardless if you have a JoinTable annotation.

This is (almost) a cosmetic fix as it works without, but can lead to confusion if looking at the database.

Breaking change as the JoinColumns could change if you annotated with JoinTable.

Change-Id: I826a89f7dccc68cf53ec31f6e66929c02c0a70a

Fixes: #33397

Releases: 1.2

#### History

##### #1 - 2012-01-23 20:51 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/8656>

##### #2 - 2012-01-23 20:53 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/8656>

##### #3 - 2012-01-23 21:08 - Karsten Dambekalns

- Category set to Persistence

- Assignee set to Christian Müller

Thanks, I'll check.

##### #4 - 2012-03-16 12:50 - Adrian Förder

Just was affected by this one by myself; I have

```
/**
 * @var \Doctrine\Common\Collections\Collection<\Acme\Rating\Domain\Model\Rating>
 * @ORM\ManyToOne
 * @ORM\JoinTable(inverseJoinColumn={@ORM\JoinColumn(unique=true)})
 */
protected $ratings;
```

in order to achieve a OneToMany relation like described at Doctrine;  
the resulting CREATE TABLE looks like

```
CREATE TABLE `acme_acme_domain_model_product_ratings_join` (
  `rating_rating` varchar(40) NOT NULL,
  `acme_product` varchar(40) NOT NULL,
  PRIMARY KEY (`rating_rating`,`acme_product`),
  UNIQUE KEY `UNIQ_DE76D5E47F43B426` (`acme_product`),
  KEY `IDX_DE76D5E4F77B4CAA` (`rating_rating`),
  CONSTRAINT `FK_DE76D5E47F43B426` FOREIGN KEY (`acme_product`) REFERENCES `acme_rating_domain_model_rating` (
`flow3_persistence_identifier`),
  CONSTRAINT `FK_DE76D5E4F77B4CAA` FOREIGN KEY (`rating_rating`) REFERENCES `acme_acme_domain_model_product` (
`flow3_persistence_identifier`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8$$
```

#### #5 - 2012-03-16 12:57 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/8656>

#### #6 - 2012-03-16 13:05 - Karsten Dambekalns

- Target version set to 1.1

#### #7 - 2012-05-15 15:25 - Karsten Dambekalns

- Assignee changed from Christian Müller to Karsten Dambekalns

#### #8 - 2012-05-25 09:40 - Karsten Dambekalns

- Target version changed from 1.1 to 1.1 RC1

#### #9 - 2012-06-19 11:03 - Karsten Dambekalns

- Target version changed from 1.1 RC1 to 2.0 beta 1

#### #10 - 2012-08-27 17:18 - Gerrit Code Review

Patch set 1 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/14141>

#### #11 - 2012-08-27 18:44 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/14141>

#### #12 - 2012-08-30 10:51 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/14141>

#### #13 - 2012-08-30 11:35 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/14141>

#### #14 - 2012-08-30 12:00 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/14141>

#### #15 - 2012-08-30 14:32 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.  
It is available at <http://review.typo3.org/14141>

**#16 - 2012-08-31 11:35 - Christian Müller**

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset [f8b0bb7ac110f0e3c5d9fae6e252fc9e326b4da9](#).