

## TYPO3.Flow - Bug # 33397

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Christian Müller	<b>Category:</b>	Persistence
<b>Created:</b>	2012-01-23	<b>Assigned To:</b>	Karsten Dambekalns
<b>Updated:</b>	2012-08-31	<b>Due date:</b>	
<b>PHP Version:</b>			
<b>Has patch:</b>	No		
<b>Complexity:</b>			
<b>Affected Flow version:</b> FLOW3 1.1.0 beta 2			
<b>Subject:</b>	Difference for ManyToMany with JoinTable annotation and without		
<b>Description</b>			
<p>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 inverts the columns so the join works but the columns are named wrong / used wrong.</p> <p>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.</p> <p>Thanks to Kira Backes for noticing.</p> <p>The fix is simple but probably a breaking change.</p>			

### 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*

- *Assigned To 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

```
1 /**
2  * @var \Doctrine\Common\Collections\Collection<\Acme\Rating\Domain\Model\Rating>
3  * @ORMManyToMany
4  * @ORMJoinTable(inverseJoinColumns={@ORMJoinColumn(unique=true)})
5  */
6  protected $ratings;
```

in order to achieve a OneToMany relation like described at Doctrine;

the resulting CREATE TABLE looks like

```
1 CREATE TABLE `acme_acme_domain_model_product_ratings_join` (
2  `rating_rating` varchar(40) NOT NULL,
3  `acme_product` varchar(40) NOT NULL,
4  PRIMARY KEY (`rating_rating`, `acme_product`),
5  UNIQUE KEY `UNIQ_DE76D5E47F43B426` (`acme_product`),
6  KEY `IDX_DE76D5E4F77B4CAA` (`rating_rating`),
7  CONSTRAINT `FK_DE76D5E47F43B426` FOREIGN KEY (`acme_product`) REFERENCES `acme_rating_domain_model_rating`
(`flow3_persistence_identifier`),
8  CONSTRAINT `FK_DE76D5E4F77B4CAA` FOREIGN KEY (`rating_rating`) REFERENCES `acme_acme_domain_model_product`
(`flow3_persistence_identifier`)
9) 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

- *Assigned To 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

- Affected Flow version changed from Git master to FLOW3 1.1.0 beta 2

**#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 commit:f8b0bb7ac110f0e3c5d9fae6e252fc9e326b4da9.