

TYPO3.Flow - Bug # 54046

Task # 55953 (New): Repair and streamline ValueObject support

Status:	New	Priority:	Must have
Author:	Philipp Maier	Category:	Persistence
Created:	2013-11-28	Assigned To:	
Updated:	2015-02-05	Due date:	
PHP Version:			
Has patch:	No		
Complexity:	medium		
Affected Flow version:	Git master		
Subject:	Removal of ValueObjects from a ManyToMany relationship is not possible		
Description			
<p>Once value objects have been added to a PersistentCollection they can no longer be removed by Collection::removeElement. Attached you can find a working example package that demonstrates the bug.</p> <p>While Collection::add(ValueObject) works, the same ValueObject can no longer be removed with Collection::removeElement. To reproduce this, navigate to the packages index action, click the "Click me!" button to create a test Entity which holds a collection of ValueObjects.</p> <p>Afterwards, add a new ValueObject by entering a value into the first input field. You will have this ValueObject listed below after the redirect.</p> <p>To remove the ValueObject again, enter the same value into the second input field. It will not be removed.</p> <p>Why this behaves like this is beyond me, I'd expect it to be similar to Entities, where this obviously works.</p>			

History

#1 - 2013-11-28 21:30 - Philipp Maier

- File Test.ValueObject.zip added

Added some more convenience to the test package. You can now instantly see the value hash of the submitted ValueObject.

#2 - 2013-12-10 14:07 - Carsten Bleicker

Maybe its a solution to remove them by filter?

Example from my project how to use a filter on a doctrine collection (see @todo inline comment):

```
<?php

class AbstractProduct{

    /**
     * @var \Doctrine\Common\Collections\Collection<BLEICKER\18n\Domain\Model\PropertyTranslation>
     * @ORM\ManyToMany(cascade={"persist", "detach", "merge"})
     * @ORM\OrderBy({"propertyName" = "ASC"})
     */
    protected $propertyTranslations;
```

```

/**
 * @return void
 */
public function __construct() {
    $this->propertyTranslations = new \Doctrine\Common\Collections\ArrayCollection();
}

/**
 * @return PropertyTranslation
 * @return $this
 */
public function removePropertyTranslation(PropertyTranslation $propertyTranslation) {
    $filter = function (PropertyTranslation $existingTranslation) use ($propertyTranslation) {
        // @todo At this point you could use persistenceManager to check for equal identities
        return ($existingTranslation->getLocale() === $propertyTranslation->getLocale() && $existingTranslation->getPropertyName() ===
$propertyTranslation->getPropertyName());
    };

    $existingTranslationToRemove = $this->propertyTranslations->filter($filter);

    while ($existingTranslationToRemove->current()) {
        $this->propertyTranslations->removeElement($existingTranslationToRemove->current());
        $existingTranslationToRemove->next();
    }

    return $this;
}
}
?>

```

#3 - 2014-02-13 11:24 - Adrian Förder

- Parent task set to #55953

#4 - 2015-02-05 11:01 - Bastian Waidelich

Just a little reminder (for all major candidates for Flow 3.0): Feature Freeze is in 10 days! Let me know if you need any help with this.

Files

Test.ValueObject.zip	6.4 kB	2013-11-28	Philipp Maier
Test.ValueObject.zip	6.5 kB	2013-11-28	Philipp Maier