

TYPO3.Flow - Bug #57034

Dependency injection for imported namespaces fails for collection classes

2014-03-18 13:04 - Bastian Waidelich

Status:	Resolved	Start date:	2014-03-18
Priority:	Must have	Due date:	
Assignee:	Bastian Waidelich	% Done:	100%
Category:	Reflection	Estimated time:	0.00 hour
Target version:		Complexity:	
PHP Version:			
Has patch:	No		

Description

In our [Coding Guidelines](#) we encourage developers to import namespaces in order to increase readability. With [#46008](#) the ReflectionService is able to resolve relative and imported namespace (with [#50909](#) this also works for abstract classes).

But this does not work for our custom notation of Collection types.
So while this works:

```
class SomeClass {  
  
    /**  
     * @var \Doctrine\Common\Collections\Collection<\Some\Package\Domain\Model\SubEntity>  
     */  
    protected $subEntities;  
  
    /**  
     * @param \Doctrine\Common\Collections\Collection<\Some\Package\Domain\Model\SubEntity>$subEntities  
     */  
    public function setSubEntities(\Doctrine\Common\Collections\Collection $subEntities) {  
        $this->subEntities = $subEntities;  
    }  
}
```

This will currently throw an exception:

```
use Doctrine\Common\Collections\Collection;  
use Some\Package\Domain\Model\SubEntity as ImportedSubEntity;  
  
class SomeClass {  
  
    /**  
     * @var Collection<ImportedSubEntity>  
     */  
    protected $subEntities;  
  
    /**  
     * @param Collection<ImportedSubEntity>$subEntities  
     */  
    public function setSubEntities(Collection $subEntities) {  
        $this->subEntities = $subEntities;  
    }  
}
```

Related issues:

Related to TYPO3.Flow - Bug #46008: Reflection should resolve relative namesp...	Resolved	2013-03-04
Related to TYPO3.Flow - Bug #50909: Dependency injection for imported namespa...	Resolved	2013-08-08

Associated revisions

Revision ca5dd2ca - 2014-03-18 13:11 - Bastian Waidelich

[BUGFIX] Fix resolving of imported collection types

This change extends the ReflectionService so that it is able to expand our custom notation for collection types::

```
CollectionType<ElementType>;
```

Background:

In the Coding Guidelines we encourage developers to import namespaces in order to increase readability.

With #46008 the ReflectionService is able to resolve relative and imported namespace (with #50909 this also works for abstract classes).

But this does not work for our custom notation of Collection types yet. With this fix relative and imported class names are supported also for our custom notation of collection types and the above would be expanded to::

```
\CollectionTypeNamespace\CollectionType<\ElementTypeNamespace\ElementType>
```

Change-Id: I4e228d6846776d2500d7e8aec2bc88df170bc9de
 Fixes: #57034
 Related: #46008
 Related: #50909
 Releases: master, 2.2, 2.1

Revision 0b45aa53 - 2014-03-20 11:00 - Bastian Waidelich

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 Releases: master, 2.2, 2.1

Revision 4935af46 - 2014-03-20 11:00 - Bastian Waidelich

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Change-Id: I4e228d6846776d2500d7e8aec2bc88df170bc9de

Fixes: #57034

Related: #46008

Related: #50909

Releases: master, 2.2, 2.1

History

#1 - 2014-03-18 13:12 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.Flow** has been pushed to the review server. It is available at <https://review.typo3.org/28490>

#2 - 2014-03-20 11:00 - Gerrit Code Review

Patch set 1 for branch **2.2** of project **Packages/TYPO3.Flow** has been pushed to the review server. It is available at <https://review.typo3.org/28554>

#3 - 2014-03-20 11:00 - Gerrit Code Review

Patch set 1 for branch **2.1** of project **Packages/TYPO3.Flow** has been pushed to the review server. It is available at <https://review.typo3.org/28555>

#4 - 2014-03-20 11:48 - Bastian Waidelich

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [ca5dd2ca9299ae995525a30a35c030c372f06f39](https://review.typo3.org/28555).