TYPO3.Flow - Bug # 57034

Status:	Resolved	**Priority:**	Must have
Author:	Bastian Waidelich	**Category:**	Reflection
Created:	2014-03-18	**Assigned To:**	Bastian Waidelich
Updated:	2014-03-20	**Due date:**	

PHP Version:	
Has patch:	No
Complexity:	
Affected Flow version: Flow 2.0.0	
Subject:	Dependency injection for imported namespaces fails for collection classes
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:

```
1  class SomeClass {
2
3    /**
4     * @var \Doctrine\Common\Collections\Collection<\Some\Package\Domain\Model\SubEntity>
5     */
6    protected $subEntities;
7
8    /**
9     * @param \Doctrine\Common\Collections\Collection<\Some\Package\Domain\Model\SubEntity>$subEntities
10    */
11   public function setSubEntities(\Doctrine\Common\Collections\Collection $subEntities) {
12     $this->subEntities = $subEntities;
13   }
14
15 }
```

This will currently throw an exception:

```
1  use Doctrine\Common\Collections\Collection;
2  use Some\Package\Domain\Model\SubEntity as ImportedSubEntity;
3
4  class SomeClass {
5
6    /**
7     * @var Collection<ImportedSubEntity>
8     */
9    protected $subEntities;
10
11   /**
```

```
12    * @param Collection<ImportedSubEntity>$subEntities
13    */
14    public function setSubEntities(Collection $subEntities) {
15        $this->subEntities = $subEntities;
16    }
17
18}
```

Related issues:

related to TYPO3.Flow - Bug # 46008: Reflection should resolve relative names...	**Resolved**	**2013-03-04**
related to TYPO3.Flow - Bug # 50909: Dependency injection for imported namesp...	**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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Fixes: #57034
Related: #46008
Related: #50909
Releases: master, 2.2, 2.1

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

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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 commit:ca5dd2ca9299ae995525a30a35c030c372f06f39.