

TYPO3.Flow - Task # 45253

Status:	Accepted	Priority:	Must have
Author:	Adrian Föder	Category:	Security
Created:	2013-02-07	Assigned To:	Christian Müller
Updated:	2013-03-07	Due date:	
Sprint:			
PHP Version:			
Has patch:	No		
Complexity:			
Subject:	Throw exception in PointcutMethodNameFilter if given method's argument does not match the actual method signature		
Description			
<p>Consider a TYPO3.Comment CommentRepository. I have set the following security resource:</p>			
<pre>[...] 'method(TYPO3\Comments\Domain\Repository\CommentRepository->remove(comment.author === current.securityContext.party))'</pre>			
<p>The CommentRepository itself does not carry an own remove() method, it inherits from TYPO3\Flow\Persistence\Repository as common.</p>			
<p>In that mentioned case, NO proxy method is generated, hence no security applied.</p>			
<p>When leaving the runtime constraint away,</p>			
<pre>[...] 'method(TYPO3\Comments\Domain\Repository\CommentRepository->remove())'</pre>			
<p>and still having not a concrete remove() method, but the inherited, it works, a proxy method is generated.</p>			
<p>Third example: putting the runtime constraint back in,</p>			
<pre>[...] 'method(TYPO3\Comments\Domain\Repository\CommentRepository->remove(comment.author === current.securityContext.party))'</pre>			
<p>and putting a "dummy" remove() method into the concrete CommentRepository itself,</p>			
<pre>1/** 2 * @param \TYPO3\Comments\Domain\Model\Comment \$comment 3 */ 4public function remove(\$comment) { 5 parent::remove(\$comment); 6}</pre>			
<p>it again works, too!</p>			

If you want to test and fiddle, I prepared a repository at <https://github.com/afoeder/TYPO3.Comments>, just see the (only) Functional Test there and the Policy.yaml configuration. Maybe you want to checkout HEAD^1 there.

History

#1 - 2013-03-07 16:33 - Adrian Förder

- *Tracker changed from Bug to Task*
- *Subject changed from Pointcuts on methods being inherited, carrying a runtime constraint, don't match to Throw exception in PointcutMethodNameFilter if given method's argument does not match the actual method signature*
- *Status changed from New to Closed*
- *Assigned To set to Christian Müller*

the wrongly, from my side, written Policy entry read ...->remove(comment.author === current.securityContext.party). This has been ignored in the PointcutMethodNameFilter->matches() method because the (inherited!) remove method did not expect a comment argument, but an "object" argument since the parent repository has this signature.

So the correct Policy entry would have been ->remove(object.author === ...)

However, an exception should be thrown in that case because the given argument does not match the actual method signature.

#2 - 2013-03-07 16:33 - Adrian Förder

- *Status changed from Closed to Accepted*