

TYPO3.Flow - Bug #10678

ReflectionService doesn't reflect methods of child classes correctly when they get reflected before their parent class in the initialization process

2010-11-08 16:46 - Florian Kugler

Status:	New	Start date:	2010-11-08
Priority:	Must have	Due date:	
Assignee:		% Done:	0%
Category:	Reflection	Estimated time:	0.00 hour
Target version:		Complexity:	
PHP Version:			
Has patch:			
Description			
<p>ReflectionService::reflectClass() calls \$this->convertParameterReflectionToArray() to reflect the parameters of a method which in turn calls \$this->getMethodTagsValues() to retrieve the type hint for the parameter. However, if a child class gets reflected in the initialization process of ReflectionService before its parent class got reflected, the type hint information for parameters of inherited methods is not detected.</p> <p>ReflectionService::convertParameterReflectionToArray() tries to retrieve the type hint from the reflection information of the declaring (in this case: parent) class by calling</p> <pre>\$methodTagsAndValues = \$this->getMethodTagsValues(\$method->getDeclaringClass()->getName(), \$method->getName());</pre> <p>If the declaring class did not get reflected until this point ReflectionService::getMethodTagsValues() returns an empty array.</p> <p>getMethodTagsValues() only calls reflectClass() on a not yet reflected class it is queried about if the initialization process of the ReflectionService is already finished, because of this statement:</p> <pre>if (\$this->initialized === TRUE && !isset(\$this->reflectedClassNames[\$className])) \$this->reflectClass(\$className);</pre> <p>For me removing the \$this->initialized === TRUE condition in getMethodTagsValues() solved the problem. But I'm not sure if it might brake things somewhere else!?</p>			