

TYPO3.TYPO3CR - Bug # 3478

Status:	Resolved	Priority:	Must have
Author:	Robert Lemke	Category:	FLOW3 Persistence
Created:	2009-05-27	Assigned To:	Karsten Dambekalns
Updated:	2011-05-05	Due date:	

Subject: Reconstitution of object respects class schema - but persistence doesn't

Description

```
/**
 * @entity
 * @scope prototype
 */
class Release {

    /**
     * @var string
     */
    protected $versionNumber;
}
```

\$versionNumber is declared as string. If by some mistake \$versionNumber contains an array of strings, the CR will persist the array (string[]) without problems (ignoring the class schema) but while reconstituting the object the CR complains with this exception:

```
#1181084521: getValue() cannot be called on multi-valued properties. (More information)
```

```
F3\PHPCR\ValueFormatException thrown in file
/Users/Shared/Sites/dev/flow3/dist/Packages/Global/TYPO3CR/Classes/Property.php in line 166.
```

```
25 F3\TYPO3CR\Property::getValue()
```

```
/Users/Shared/Sites/dev/flow3/dist/Packages/Global/TYPO3CR/Classes/FLOW3/Persistence/DataMapper.php:
00316: */
00317: protected function getNativeValue(\F3\PHPCR\PropertyInterface $property) {
00318:     $value = $property->getValue();
00319:     switch ($property->getType()) {
00320:     case \F3\PHPCR\PropertyType::BOOLEAN:
```

```
24 F3\TYPO3CR\FLOW3\Persistence\DataMapper::getNativeValue(F3\TYPO3CR\Property)
```

```
/Users/Shared/Sites/dev/flow3/dist/Packages/Global/TYPO3CR/Classes/FLOW3/Persistence/DataMapper.php:
00170:     if ($node->hasProperty('flow3:' . $propertyName)) {
00171:         $property = $node->getProperty('flow3:' . $propertyName);
00172:         $propertyValue = $this->getNativeValue($property);
00173:     }
00174:     break;
```

```
23
```

```
F3\TYPO3CR\FLOW3\Persistence\DataMapper::thawProperties(F3\Releazr\Domain\Model\Release_AOPProxy_Development, F3\TYPO3CR\Node, F3\TYPO3CR\Node, F3\FLOW3\Persistence\ClassSchema)
```

```
/Users/Shared/Sites/dev/flow3/dist/Packages/Global/TYPO3CR/Classes/FLOW3/Persistence/DataMapper.php:
00140:
00141: $this->objectBuilder->reinjectDependencies($object, $objectConfiguration);
00142: $this->thawProperties($object, $node, $classSchema);
00143: $object->FLOW3_Persistence_memorizeCleanState();
00144: $this->persistenceManager->getSession()->registerReconstitutedObject($object);
```

Associated revisions

Revision 5818c78d - 2009-06-09 13:27 - Karsten Dambekalns

[FIX] TYPO3CR (FLOW3 Persistence): When persisting objects the actual type of property values is now checked against the expected type, fixes #3478

[TASK] TYPO3CR (FLOW3 Persistence): marked methods in backend as @internal

History

#1 - 2009-06-08 14:41 - Karsten Dambekalns

- Status changed from *New* to *Accepted*
- Target version set to 197

Should such properties (not having the expected type) be ignored or cause an exception to be thrown?

#2 - 2009-06-09 14:00 - Karsten Dambekalns

- Status changed from *Accepted* to *Resolved*
- % Done changed from 0 to 100

Applied in changeset r2586.

#3 - 2011-05-05 17:12 - Robert Lemke

- Target version deleted (197)