

## TYPO3 Core - Bug #49803

### Problems in overriding objects with new property mapper

2013-07-09 09:00 - Georg Ringer

<b>Status:</b>	Closed	<b>Start date:</b>	2013-07-09
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>	Extbase	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>TYPO3 Version:</b>	6.2	<b>Is Regression:</b>	No
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

It seems there is a problem with overriding objects when using the new property mapper.

check this code

```
config.tx_extbase {
    objects {
        GeorgRinger\Testoverride\Domain\Model\Fo {
            className = GeorgRinger\Testoverride\Domain\Model\Bar
        }
    }
}
```

if the model is used as argument, the "overlay" of Model Bar is missing.

A simple demo extension can be found at: [http://montagmorgen.at/fileadmin/tmp/testoverride\\_0.0.0.zip](http://montagmorgen.at/fileadmin/tmp/testoverride_0.0.0.zip)

**Important:** the demo exts deactivates the new property mapper in ext\_typoscript\_setup.txt.

Proof of concept:

1. Install extension and add plugin to a page
2. Create a new record in the FE and fill all fields
3. Disable the new property mapper and add a 2nd record
4. Exception "#1297759968: Exception while property mapping at property path "":Property "test" was not found in target object of type "GeorgRinger\Testoverride\Domain\Model\Fo"." should be shown.

#### Related issues:

Related to TYPO3.Flow - Feature #30300: Support mapping to subclass by argument	<b>Resolved</b>	<b>2011-09-26</b>
Has duplicate TYPO3 Core - Bug #60705: Property of alternative model implemen...	<b>Closed</b>	<b>2014-07-31</b>

#### Associated revisions

##### Revision 094cc0c1 - 2014-10-15 23:19 - Oliver Hader

[BUGFIX] Property of alternative model implementation not found

The PersistentObjectConverter is mapping submitted data to a given target domain model. If a class gets overloaded with config.tx\_extbase.objects, this information is not forwarded to the ReflectionService. That's why properties in alternative implementations cannot be determined.

Resolves: #49803

Releases: master, 6.2, 6.1

Change-Id: Ia4ec3a6c6f5bc6c07717a4956ab12e3e779c3c5a

Reviewed-on: <http://review.typo3.org/31920>

Reviewed-by: Tymoteusz Motylewski <t.motylewski@gmail.com>

Tested-by: Tymoteusz Motylewski <t.motylewski@gmail.com>

Reviewed-by: Markus Klein <klein.t3@reelworx.at>

Tested-by: Markus Klein <klein.t3@reelworx.at>

## Revision 2d0eb56b - 2014-10-15 23:19 - Oliver Hader

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Change-Id: Ia4ec3a6c6f5bc6c07717a4956ab12e3e779c3c5a

Reviewed-on: <http://review.typo3.org/33327>

Reviewed-by: Markus Klein <[klein.t3@reelworx.at](mailto:klein.t3@reelworx.at)>

Tested-by: Markus Klein <[klein.t3@reelworx.at](mailto:klein.t3@reelworx.at)>

## Revision 03cb9701 - 2014-10-16 10:25 - Markus Klein

[BUGFIX] Fix unit tests for TypeConverter classes

The patch Ia4ec3a6c6f5bc6c07717a4956ab12e3e779c3c5a didn't adjust the unit tests. This fix adds the missing mocks.

Resolves: #49803

Releases: master, 6.2

Change-Id: I829e62eaf3b172edeb295da57093b424edb13d40

Reviewed-on: <http://review.typo3.org/33330>

Reviewed-by: Markus Klein <[klein.t3@reelworx.at](mailto:klein.t3@reelworx.at)>

Tested-by: Markus Klein <[klein.t3@reelworx.at](mailto:klein.t3@reelworx.at)>

## Revision 38e34cf3 - 2014-10-16 10:26 - Markus Klein

[BUGFIX] Fix unit tests for TypeConverter classes

The patch Ia4ec3a6c6f5bc6c07717a4956ab12e3e779c3c5a didn't adjust the unit tests. This fix adds the missing mocks.

Resolves: #49803

Releases: master, 6.2

Change-Id: I829e62eaf3b172edeb295da57093b424edb13d40

Reviewed-on: <http://review.typo3.org/33331>

Reviewed-by: Markus Klein <[klein.t3@reelworx.at](mailto:klein.t3@reelworx.at)>

Tested-by: Markus Klein <[klein.t3@reelworx.at](mailto:klein.t3@reelworx.at)>

## History

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### #1 - 2013-07-09 09:02 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/22135>

### #2 - 2013-07-09 10:43 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/22135>

### #3 - 2013-07-09 11:22 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/22135>

### #4 - 2013-10-27 12:48 - Anja Leichsenring

- File testoverride.zip added

### #5 - 2014-05-03 21:26 - Marc Bastian Heinrichs

Ok, had a deeper look at this.

What I don't get, is, why you get a Exception from the rewritten PropertyMapper, but you disabled it.

Also I'm not sure, if objectManagers registerImplementation is build also for extending models. This will definitely break also in other parts.

Regarding the feature you break with this patch, the backported [#30300](#) - setting a subtype by \_\_type - I would say, this is exactly what you need. But to make this work the function allowOverrideTargetType in MvcPropertyMappingConfiguration is missing ATM.

**#6 - 2014-09-22 17:00 - Gerrit Code Review**

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/31920>

**#7 - 2014-09-22 17:04 - Alexander Opitz**

- *Project changed from 534 to TYPO3 Core*
- *Category set to Extbase*
- *TYPO3 Version set to 6.2*
- *Is Regression set to No*

**#8 - 2014-10-15 21:32 - Gerrit Code Review**

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/31920>

**#9 - 2014-10-15 23:19 - Gerrit Code Review**

Patch set 1 for branch **TYPO3\_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/33327>

**#10 - 2014-10-15 23:30 - Oliver Hader**

- *Status changed from Under Review to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset [094cc0c13867eb6ec7c9eb4fea22757ba23a65cb](http://review.typo3.org/33327).

**#11 - 2014-10-16 09:50 - Mathias Brodala**

This change should also allow for using interfaces in controller action arguments if an implementation is registered as usual. Previously the type converter tried to create an instance of the interface.

**#12 - 2014-10-16 10:22 - Gerrit Code Review**

- *Status changed from Resolved to Under Review*

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/33330>

**#13 - 2014-10-16 10:26 - Gerrit Code Review**

Patch set 1 for branch **TYPO3\_6-2** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/33331>

**#14 - 2014-10-16 10:30 - Markus Klein**

- *Status changed from Under Review to Resolved*

Applied in changeset [03cb9701041da280746d310a7bd2a48241f98a49](http://review.typo3.org/33331).

**#15 - 2018-10-02 12:12 - Benni Mack**

- *Status changed from Resolved to Closed*

**Files**

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testoverride.zip	997 KB	2013-10-27	Anja Leichsenring
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