

## TYPO3.Flow - Bug #55309

### PackageManager::getPackageOfObject() does not work for proxy objects

2014-01-24 15:03 - Bastian Waidelich

<b>Status:</b>	Resolved	<b>Start date:</b>	2014-01-24
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Bastian Waidelich	<b>% Done:</b>	100%
<b>Category:</b>	Package	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>PHP Version:</b>			
<b>Has patch:</b>	No		
<b>Description</b>			
The method PackageManager::getPackageOfObject() fails to resolve the package of a given object if it's a proxy.			
The Flow/Doctrine proxy classes usually reside in a folder underneath Data/Temporary. Comparing those paths with the package root paths leads to invalid results.			
<b>Related issues:</b>			
Related to TYPO3.Flow - Bug #50118: Add a method in the PackageManager to get...		<b>Resolved</b>	<b>2013-07-17</b>

#### Associated revisions

##### Revision 9128a7f1 - 2014-01-24 15:19 - Bastian Waidelich

[BUGFIX] Make getPackageOfObject() work for proxy objects

The method ``PackageManager::getPackageOfObject()`` failed to resolve the package of a given object if it was a proxy.

This change fixes this by comparing the namespace of the object with the package namespaces rather than the file locations.

Background:

The Flow/Doctrine proxy classes usually reside in a folder underneath ``Data/Temporary``. Comparing those paths with the package root paths led to invalid results.

Change-Id: I49cf6615b15f4414193d4b563dfe11169fcf44b7

Fixes: #55309

Releases: master, 2.0, 2.1

##### Revision 002243ac - 2014-01-31 11:47 - Bastian Waidelich

[BUGFIX] Fix PackageManager unit tests

Due to a previous change the PackageManager's unit tests are failing.

This change adjusts the tests to the modified code fixing the tests.

Background:

The method ``getPackageOfObject()`` fixed with I49cf6615b15f4414193d4b563dfe11169fcf44b7 changes the behavior of the PackageManager so that it compares namespaces rather than file paths. Unfortunately this broke unittests that generated dummy files with invalid PHP namespaces.

Change-Id: I1b6a80d83702c14cc24b4073a02dbf304180955a

Related: #55309

Releases: master

##### Revision 5385bae6 - 2014-02-07 10:24 - Bastian Waidelich

[BUGFIX] Make Doctrine service return correct packages for migrations

With a previous fix ``PackageManager::getPackageOfObject()`` now compares the namespace of a given object rather than its location on the disk.

This broke the behavior of `Doctrine\Service::getPackageKeyFromMigrationVersion()` because doctrine migrations all have the same namespace `TYPO3\Flow\.`

With this fix the doctrine service compares the file paths again.

Change-Id: Ibaeea8993644a09c7266ff3725d9912e1b91d8dd  
Related: #55309  
Releases: master

#### Revision a24c6837 - 2014-02-07 14:30 - Bastian Waidelich

[BUGFIX] Make `getPackageOfObject()` work for proxy objects

The method `PackageManager::getPackageOfObject()` failed to resolve the package of a given object if it was a proxy.

This change fixes this by comparing the namespace of the object with the package namespaces rather than the file locations.

Background:

The Flow/Doctrine proxy classes usually reside in a folder underneath `Data/Temporary`. Comparing those paths with the package root paths led to invalid results.

In addition this adjusts the `getPackageKeyFromMigrationVersion()` of the `Doctrine\Service` not to rely on `getPackageOfObject()` as all doctrine migrations reside in the `TYPO3\Flow` namespace.

Change-Id: I49cf6615b15f4414193d4b563dfe11169fcf44b7  
Fixes: #55309  
Releases: master, 2.0, 2.1

#### Revision 844ea8ec - 2014-02-07 14:40 - Bastian Waidelich

[BUGFIX] Make `getPackageOfObject()` work for proxy objects

The method `PackageManager::getPackageOfObject()` failed to resolve the package of a given object if it was a proxy.

This change fixes this by comparing the namespace of the object with the package namespaces rather than the file locations.

Background:

The Flow/Doctrine proxy classes usually reside in a folder underneath `Data/Temporary`. Comparing those paths with the package root paths led to invalid results.

In addition this adjusts the `getPackageKeyFromMigrationVersion()` of the `Doctrine\Service` not to rely on `getPackageOfObject()` as all doctrine migrations reside in the `TYPO3\Flow` namespace.

Change-Id: I49cf6615b15f4414193d4b563dfe11169fcf44b7  
Fixes: #55309  
Releases: master, 2.0, 2.1

## History

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### #1 - 2014-01-24 15:04 - 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/27045>

### #2 - 2014-01-24 15:20 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.Flow** has been pushed to the review server. It is available at <https://review.typo3.org/27045>

### #3 - 2014-01-29 16:35 - Bastian Waidelich

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [9128a7f1895901f3308bf50986b69da514d61427](#).

#### #4 - 2014-01-31 11:58 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 1 for branch 2.0 of project Packages/TYPO3.Flow has been pushed to the review server.  
It is available at <https://review.typo3.org/27186>

#### #5 - 2014-01-31 12:04 - 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/27187>

#### #6 - 2014-02-04 11:57 - Adrian Förder

The current implementation is still not fully well-working; now it only regards the namespace no matter where the class actually lies.  
This might lead to unexpected results; already for the Migration classes which have a TYPO3\Flow namespace, but lie in a respective package of course.

TBH I think the initial implementation where the actual class location was determined, was generally the approach which more matched the expectation of the functionality; but of course with the drawback of Proxy classes not working since they live in Data/Temporary; so I think in case of proxy classes it should manually be worked around (to the least by checking instanceof \TYPO3\Flow\Object\Proxy\ProxyInterface and then taking the Namespace into account, because then it's definitely a Flow package class lying in its PSR-0 location etcpp.)

So my suggestion / opinion so far is: building it back to detecting the actual file location; and only if it seems to be a (copied) Proxy, use the NS as package determinator.

#### #7 - 2014-02-06 11:36 - Dominique Feyer

[Adrian Förder](#): I agree +1

#### #8 - 2014-02-06 11:53 - Bastian Waidelich

Good points! I'll try to push a follow up today! But I doubt that we should fall back to NS / path, it should be the one or the other.. I'm sure there is a way to find the original class from the proxy

#### #9 - 2014-02-07 14:32 - Gerrit Code Review

Patch set 2 for branch 2.1 of project Packages/TYPO3.Flow has been pushed to the review server.  
It is available at <https://review.typo3.org/27187>

#### #10 - 2014-02-07 14:41 - Gerrit Code Review

Patch set 2 for branch 2.0 of project Packages/TYPO3.Flow has been pushed to the review server.  
It is available at <https://review.typo3.org/27186>

#### #11 - 2014-07-11 20:19 - Bastian Waidelich

- Status changed from Under Review to Resolved

Applied in changeset [a24c68375c3159819c30099706914e022db5d735](#).