

TYPO3.Flow - Bug # 6928

Status:	Closed	Priority:	Should have
Author:	Karsten Dambekalns	Category:	Object
Created:	2010-03-19	Assigned To:	
Updated:	2010-10-20	Due date:	
PHP Version:			
Has patch:			
Complexity:			
Affected Flow version:			
Subject:	ObjectContainerBuilder does not work for factory setups		
Description			
<p>When configuring argument injection with a factory object and no name/classname the object container builder throws an exception (after fixing the first symptom), which is:</p>			
<pre>Notice: Undefined index: name in ../../Object/Configuration/ConfigurationBuilder.php line 162</pre>			
<p>The line causing this reads as follows:</p>			
<pre>static protected function parseArgumentOfTypeObject(\$argumentName, \$objectNameOrConfiguration, \$configSourceHint) { if (is_array(\$objectNameOrConfiguration)) { \$objectName = \$objectNameOrConfiguration['name']; } }</pre>			
<p>The Objects.yaml used:</p>			
<pre>F3\SwiftMailer\Mailer: arguments: 1: object: factoryObjectName: F3\SwiftMailer\TransportFactory arguments: 1: setting: SwiftMailer.transport.type 2: setting: SwiftMailer.transport.options</pre>			
<p>Setting a classname there is not an option, as it would not be registered anyway. For property injection the case of a missing object name is handled on ConfigurationBuilder by those lines in parsePropertyOfTypeObject:</p>			
<pre>if (isset(\$objectNameOrConfiguration['name'])) { \$objectName = \$objectNameOrConfiguration['name']; unset(\$objectNameOrConfiguration['name']); } else { \$objectName = NULL; }</pre>			

```
}
```

Adding this to `parseArgumentOfTypeObject` does the trick, but then we come to the error in the object builder:

Notice: Undefined index: in `../Object/Container/ObjectContainerBuilder.php` line 280

The line causing this reads as follows:

```
if ($argumentValue instanceof \F3\FLOW3\Object\Configuration\Configuration) {
    $argumentValueObjectName = $argumentValue->getObjectname();
    if ($this->objectConfigurations[$argumentValueObjectName]->getScope() ===
        \F3\FLOW3\Object\Configuration\Configuration::SCOPE_PROTOTYPE) {
        $assignments[] = $assignmentPrologue . $this->getPrototype("\ . $argumentValueObjectName . '\ , array(' .
        $this->buildMethodParametersCode($argumentValue->getArguments()) . '));
```

The bottom line is: using a factory with no object/class name does not work (anymore), neither for property nor argument injection.

Associated revisions

Revision 6db66049 - 2010-03-23 14:51 - Karsten Dambekalns

[+BUGFIX] FLOW3 (Configuration): `getConfiguration()` now returns settings for all packages if asked to do so, fixes #6967.

[+BUGFIX] FLOW3 (Object): Interfaces with no known implementation but a factory can be used now, fixes #6968, relates to #6928.

[~TASK] FLOW3 (Utility): In environment we no longer prohibit access to `$_SERVER`, this makes use of third party code easier.

History

#1 - 2010-03-19 22:04 - Karsten Dambekalns

- Status changed from *Accepted* to *New*
- Assigned To deleted (*Karsten Dambekalns*)
- Start date deleted (*2010-03-19*)

Postponing as it can be gotten to work with a marker interface and some YAML magic. Needs to be discussed.

#2 - 2010-07-09 14:31 - Robert Lemke

- Status changed from *New* to *Needs Feedback*
- Priority changed from *Must have* to *Should have*
- Target version set to *1.0 alpha 11*

#3 - 2010-08-18 15:56 - Karsten Dambekalns

- Status changed from *Needs Feedback* to *Closed*

Closing, as the problem has not surfaced again so far. And in cases like these, adding an interface to allow for type hints makes sense, so the "workaround" actually looks like a good idea.

