

## TYPO3.Flow - Feature #2110

### Add support for custom factories

2008-11-10 17:58 - Robert Lemke

<b>Status:</b>	Resolved	<b>Start date:</b>	2008-11-10
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Robert Lemke	<b>% Done:</b>	100%
<b>Category:</b>	Object	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0 alpha 1	<b>Complexity:</b>	
<b>PHP Version:</b>			
<b>Has patch:</b>			
<b>Description</b>			
The Object Framework should support custom factories which are used whenever a object of a certain type needs to be instantiated. Such a factory could be defined / configured in the Objects configuration like this: <pre>F3\FLOW3\Cache\CacheInterface ..factoryClassName: F3\FLOW3\Cache\Factory</pre> Now whenever a "CacheInterface" object type needs to be intantiated, the Cache Factory's create() method will be called. Of course the arguments for the create() method still have to be defined: <pre>\$myCache = \$this-&gt;objectFactory-&gt;create('F3\FLOW3\Cache\CacheInterface', 'cacheId', 'F3\FLOW3\Cache\Cache\VariableCache', 'F3\FLOW3\Cache\Backend\File');</pre>			
<b>Related issues:</b>			
Related to TYPO3.Flow - Feature #2109: Support constructor / factory argument...		<b>Resolved</b>	<b>2008-11-10</b>

### Associated revisions

#### Revision 6810cb20 - 2008-12-30 14:32 - Robert Lemke

- FLOW3: (Cache) Introduced two new interfaces - for Cache frontends and backends
- FLOW3: (Cache) Fixed an issue with the File Backend: initializeObject() override the cacheDirectory setting even if it has been set through setter injection
- FLOW3: (Object) The property / argument type "reference" has been renamed to "object" (see also updated documentation)
- FLOW3: (Object) The object configuration option "constructorArguments" has been renamed to "arguments"
- FLOW3: (Object) In the code "Constructor Arguments" are now referred to simply as "Arguments"
- FLOW3: (Object) Implemented support for custom factories. Resolves #2110
- FLOW3: (Object) Implemented support for specifying arguments / properties for objects which are injected. Resolves #2109
- FLOW3: (Resource) Added the file\_exists() check again to the Class Loader. Ommitting the check resulted in hard-to-track error messages
- FLOW3: (Documentation) Updated the documentation. Still missing: custom factories and syntax of feature #2109
- FLOW3: (TestPackage) Adopted and cleaned up the Object related tests

#### Revision 1670 - 2008-12-30 14:32 - Robert Lemke

- FLOW3: (Cache) Introduced two new interfaces - for Cache frontends and backends
- FLOW3: (Cache) Fixed an issue with the File Backend: initializeObject() override the cacheDirectory setting even if it has been set through setter injection
- FLOW3: (Object) The property / argument type "reference" has been renamed to "object" (see also updated documentation)
- FLOW3: (Object) The object configuration option "constructorArguments" has been renamed to "arguments"
- FLOW3: (Object) In the code "Constructor Arguments" are now referred to simply as "Arguments"
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- FLOW3: (Resource) Added the file\_exists() check again to the Class Loader. Ommitting the check resulted in hard-to-track error messages
- FLOW3: (Documentation) Updated the documentation. Still missing: custom factories and syntax of feature #2109
- FLOW3: (TestPackage) Adopted and cleaned up the Object related tests

### History

#### #1 - 2008-12-30 14:35 - Robert Lemke

- Status changed from Accepted to Resolved

- % Done changed from 0 to 100

Applied in changeset r1670.