TYPO3.Flow - Bug # 26128

Status:	Resolved	**Priority:**	Should have
Author:	Christopher Hlubek	**Category:**	Persistence
Created:	2011-04-19	**Assigned To:**	Karsten Dambekalns
Updated:	2011-05-24	**Due date:**	

PHP Version:	
Has patch:	
Complexity:	
Affected Flow version:	
Subject:	Doctrine persistence manager compilation should be configurable

Description

The compile method of the Doctrine persistence manager is currently hard-coded inside the FLOW3 Metapackage:

```
class Package extends BasePackage {

  /**
   * Invokes custom PHP code directly after the package manager has been initialized.
   *
   * @param \F3\FLOW3\Core\Bootstrap $bootstrap The current bootstrap
   * @return void
   */
  public function boot(\F3\FLOW3\Core\Bootstrap $bootstrap) {
    require_once(__DIR__ . '/../Resources/PHP/AutoLoader.php');

    $bootstrap->registerCompiletimeCommandController('flow3:object');
    $bootstrap->registerCompiletimeCommandController('flow3:core');
    $bootstrap->registerCompiletimeCommandController('flow3:cache');

    $dispatcher = $bootstrap->getSignalSlotDispatcher();
    $dispatcher->connect('F3\FLOW3\Core\Bootstrap', 'finishedRuntimeRun',
'F3\FLOW3\Persistence\PersistenceManagerInterface', 'persistAll');
    $dispatcher->connect('F3\FLOW3\Core\Bootstrap', 'bootstrapShuttingDown',
'F3\FLOW3\Configuration\ConfigurationManager', 'shutdown');
    $dispatcher->connect('F3\FLOW3\Core\Bootstrap', 'bootstrapShuttingDown',
'F3\FLOW3\Object\ObjectManagerInterface', 'shutdown');
    $dispatcher->connect('F3\FLOW3\Core\Bootstrap', 'bootstrapShuttingDown', 'F3\FLOW3\Reflection\ReflectionService',
'saveToCache');

    $dispatcher->connect('F3\FLOW3\Command\CoreCommandController', 'finishedCompileCommand',
'F3\FLOW3\Persistence\Doctrine\PersistenceManager', 'compile');
  }
}
```

If an alternative (generic) persistence is used, there is no need for the compile call, especially since Doctrine puts restrictions on the model.

There should be some kind of configuration option to prevent the Doctrine compilation.

Associated revisions

Revision a38bea4d - 2011-05-23 17:48 - Christopher Hlubek

[BUGFIX] Make doctrine update and compilation configurable

This change introduces a new configuration option "autoUpdate" that
controls if the doctrine commands for update and compilation should
be run.

Change-Id: I95165074115d16c70d00ccfb42512de2e8009cb6
Resolves: #26128

History

#1 - 2011-04-19 16:20 - Christopher Hlubek

The mere existence of the PersistenceManager is a problem if no driver is configured:

Uncaught exception in line 147 of .../Packages/Framework/FLOW3/Resources/PHP/Doctrine/DBAL/DriverManager.php: The options 'driver' or
'driverClass' are mandatory if no PDO instance is given to DriverManager::getConnection()

Disabling the connect between finishedCompileCommand and PersistenceManager->compile fixes this problem, since no PersistenceManager will be
created (given that another Backend and the generic PersistenceManager are configured).

#2 - 2011-04-27 13:48 - Karsten Dambekalns

- Category set to Persistence
- Status changed from New to Accepted

#3 - 2011-05-04 13:39 - Christopher Hlubek

The problem inside the package is gone. Now I face the problem, that the Doctrine compilation is always executed in non-production contexts in
Bootstrap->initializeForRuntime:

```
if ($this->context !== 'Production') {
    $coreCache = $this->cacheManager->getCache('FLOW3_Core');
    if ($coreCache->has('doctrineSetupRunning') === FALSE) {
        $coreCache->set('doctrineSetupRunning', 'White Russian', array(), 60);
        $this->systemLogger->log('Updating Doctrine DB and proxies', LOG_DEBUG);
        $this->executeCommand('flow3:doctrine:update');
        $this->executeCommand('flow3:doctrine:compileproxies');
        $coreCache->remove('doctrineSetupRunning');
    }
}
```

#4 - 2011-05-23 17:48 - Mr. Hudson

Patch set 1 of change I95165074115d16c70d00ccfb42512de2e8009cb6 has been pushed to the review server.
It is available at http://review.typo3.org/2305

#5 - 2011-05-24 11:35 - Christopher Hlubek

- Status changed from Accepted to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:a38bea4dca57eb736a796d731042b5956c454a3e.