

TYPO3.Flow - Feature # 34827

Status:	Resolved	Priority:	Should have
Author:	Robert Lemke	Category:	Reflection
Created:	2012-03-14	Assigned To:	Robert Lemke
Updated:	2012-03-19	Due date:	
PHP Version:	5.3		
Has patch:	No		
Complexity:	medium		
Subject:	Precompiled reflection data for rather static packages		
Description	<p>Packages which are usually not touched during development (such as FLOW3, Fluid etc.) don't need to be monitored for changes and thus could provide some precompiled reflection data which could be loaded if caches were flushed.</p> <p>Such packages could be marked by a new "frozen" state which can be set and removed through a command line command.</p>		

Associated revisions

Revision e1810549 - 2012-03-15 16:06 - Robert Lemke

[FEATURE] Precompiled reflection data for frozen packages

This feature introduces "frozen packages". Through the command line command "package:freeze" one or more packages can be set into a frozen state. A frozen package is excluded from file monitoring and its reflection data is stored in a file separate from the regular caches. After caches have been flushed, this precompiled reflection data is loaded in order to speed up the compile run during that first hit.

With "package:unfreeze" packages can be unfrozen and "package:refreeze" will refresh the precompiled reflection data of an already frozen package.

Package freezing is only supported for Development context.

Resolves: #34827

Resolves: PHX-71

Releases: 1.1

Change-Id: Icee8530d8796f27345d75530c466fc0822285a58

History

#1 - 2012-03-14 12:13 - Gerrit Code Review

- Status changed from Accepted to Under Review

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

It is available at <http://review.typo3.org/9644>

#2 - 2012-03-14 15:46 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#3 - 2012-03-14 15:51 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#4 - 2012-03-14 21:40 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#5 - 2012-03-15 12:05 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#6 - 2012-03-15 12:08 - Gerrit Code Review

Patch set 6 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#7 - 2012-03-15 12:36 - Gerrit Code Review

Patch set 7 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#8 - 2012-03-15 13:19 - Gerrit Code Review

Patch set 8 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#9 - 2012-03-15 13:25 - Gerrit Code Review

Patch set 9 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#10 - 2012-03-15 13:51 - Gerrit Code Review

Patch set 10 for branch **master** has been pushed to the review server.
It is available at <http://review.typo3.org/9644>

#11 - 2012-03-15 14:16 - Gerrit Code Review

Patch set 11 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/9644>

#12 - 2012-03-15 14:21 - Gerrit Code Review

Patch set 12 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/9644>

#13 - 2012-03-15 14:54 - Gerrit Code Review

Patch set 13 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/9644>

#14 - 2012-03-15 15:12 - Gerrit Code Review

Patch set 14 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/9644>

#15 - 2012-03-15 16:06 - Gerrit Code Review

Patch set 15 for branch **master** has been pushed to the review server.

It is available at <http://review.typo3.org/9644>

#16 - 2012-03-15 17:04 - Bastian Waidelich

Some rough performance measurements for the record. Tested with current T3CON12 distribution (15.03.2012, 15:30) on Windows 7, 64bit (3 test runs per case)

Before:

flow3:cache:flush -> 7s
1st flow3:cache:warmup -> 55s
2nd flow3:cache:warmup -> 11s
1st request -> 48s
2nd request -> 7s

Now:

flow3:cache:flush -> 7s (+0%)
1st flow3:cache:warmup -> 44s (-20%)
2nd flow3:cache:warmup -> 15s (+36%)
1st request -> 37s (-23%)
2nd request -> 7s (+0%)

Now (with all packages except TYPO3.Conference frozen):

flow3:cache:flush -> 5s (-29%)

1st flow3:cache:warmup -> 26s (-53%)

2nd flow3:cache:warmup -> 7s (-36%)

1st request -> 20s (-58%)

2nd request -> 5s (-29%)

#17 - 2012-03-19 14:38 - Robert Lemke

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:e1810549a590de455a609443a1f35e2e3d9baee3.