

TYPO3.Flow - Task #3583

Profiling of persistence framework / CR

2009-06-05 10:59 - Robert Lemke

Status:	Closed	Start date:	2009-06-05
Priority:	Must have	Due date:	
Assignee:	Karsten Dambekalns	% Done:	0%
Category:	Persistence	Estimated time:	0.00 hour
Target version:	1.0 alpha 2	Has patch:	
Sprint:		Complexity:	
PHP Version:			
Description			
We need to have an intensive profiling session for figuring out where the weaknesses currently are regarding speed of persistence.			
Related issues:			
Related to TYPO3.Flow - Feature #3740: Implement a Static Object Container		Resolved	2010-01-28

History

#1 - 2009-06-24 10:51 - Karsten Dambekalns

- File *index.php* added

- Status changed from *New* to *Closed*

I worked on this using XHProf (<http://mirror.facebook.net/facebook/xhprof/>) as Xdebug is awefully slow (albeit it's traces provide more detail - which we currently don't really need). I used the blog with 100 posts in it and the attached *index.php* for profiling.

Make sure to turn off SpeedStep (or similar) technologies and only use CPU time for comparison, wall time may differ massively between subsequent runs. On a Mac it seems only CoolBook (<http://www.coolbook.se/CoolBook.html>) is available for this.

Results:

- SQLite is awefully slow compared to MySQL
- Object creation takes a lot of time, see [#3740](#) for a followup task

I could bring the CPU time down by about a quarter when replacing a few object creation calls within the persistence layer with new calls, so speeding up object creation seems to be advisable.

Files

<i>index.php</i>	2.44 KB	2009-06-24	Karsten Dambekalns
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