

TYPO3 Core - Task #53404

Task # 52304 (Closed): Performance issues

Page cache saves the hash_base

2013-11-07 10:36 - Alexander Opitz

Status:	Closed	Start date:	2013-11-07
Priority:	Should have	Due date:	
Assignee:	Alexander Opitz	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	6.2.0	Complexity:	
TYPO3 Version:	6.2	Sprint Focus:	
PHP Version:			
Tags:			
Description			
The hash_base (the array from which the cache hash is calculated) is saved into the cache. But this isn't required IMHO, it will be read on every cached request but doesn't get processed somewhere (as I read the source). So if we remove it, it won't get saved and loaded, which reduces bandwidth to the SQL server and reduces the string which needs to be un-/serialized.			
Related issues:			
Has duplicate TYPO3 Core - Task #29340: Check usage of hash_base. Closed 2011-08-30			

Associated revisions

Revision c048755e - 2013-11-15 17:05 - Alexander Opitz

[TASK] Remove hash_base from page cache data

The hash_base (the array from which the cache hash is calculated) is saved into the cache. But this information isn't required. Also it isn't processed after read from cache. So this data gets removed to save bandwidth and to reduce the string to be unserialized.

Resolves: #53404

Releases: 6.2

Change-Id: I76411a9d89e483fed1b29573359b001fa921b244

Reviewed-on: <https://review.typo3.org/25191>

Reviewed-by: Mathias Schreiber

Tested-by: Mathias Schreiber

Reviewed-by: Markus Klein

Tested-by: Markus Klein

History

#1 - 2013-11-07 10:45 - Alexander Opitz

Benchmarked with "ab -n 1000 -c 100 host/" to a cached empty start page with PHP 5.5.3-1ubuntu2 with Zend OPcache v7.0.3-dev

Without patch:

```
Concurrency Level:      100
Time taken for tests:   4.702 seconds
Complete requests:     1000
Failed requests:       0
Write errors:          0
Total transferred:     2875000 bytes
HTML transferred:     2399000 bytes
Requests per second:   212.69 [#/sec] (mean)
Time per request:      470.165 [ms] (mean)
Time per request:      4.702 [ms] (mean, across all concurrent requests)
Transfer rate:         597.16 [Kbytes/sec] received
```

With patch

Concurrency Level: 100
Time taken for tests: 4.212 seconds
Complete requests: 1000
Failed requests: 0
Write errors: 0
Total transferred: 2875000 bytes
HTML transferred: 2399000 bytes
Requests per second: 237.42 [#/sec] (mean)
Time per request: 421.192 [ms] (mean)
Time per request: 4.212 [ms] (mean, across all concurrent requests)
Transfer rate: 666.59 [Kbytes/sec] received

#2 - 2013-11-07 10:51 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#3 - 2013-11-07 17:15 - Alexander Opitz

- Assignee set to Alexander Opitz

#4 - 2013-11-08 14:27 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#5 - 2013-11-08 15:46 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#6 - 2013-11-08 15:57 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#7 - 2013-11-08 16:18 - Gerrit Code Review

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#8 - 2013-11-08 16:28 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#9 - 2013-11-08 16:37 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#10 - 2013-11-12 17:44 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#11 - 2013-11-15 16:58 - Gerrit Code Review

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/25191>

#12 - 2013-11-15 17:30 - Alexander Opitz

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [c048755e7229f10f5393f874ef24a18fef2b4e10](https://review.typo3.org/25191).

#13 - 2017-10-23 21:45 - Riccardo De Contardi

- Status changed from Resolved to Closed