Status:	Resolved	Priority:	Should have
Author:	Christian Kuhn	Category:	Cache
Created:	2010-07-17	Assigned To:	Karsten Dambekalns
Updated:	2010-10-20	Due date:	
PHP Version:			
Has patch:			
Complexity:			
Affected Flow ve	ersion:		
Subject:	memcached backend: Remo	ve tagIndex	
Description			
Problem:			
The memcached	backend implementation currenty sto	ores this key-value "structure" to r	map our identifier-data-keys relation:
- identifier -> c	lata		
- identifier -> k	eys		
- key -> identif	ïers		
- tagIndex -> A	All known tags		
Solution:	esn't have any benefit at all, it just lea e tagIndex to save some operations		nit tests still show green bar.
Numbers:			
	s show that the backend speeds up	between ~10 to 100% by removin	g the tagIndex. As an example, attached
•	est which set()'s a raising number of o xt:enetcacheanalytics (forge) in v4.	cache entries with a single attache	ed tag to the backend. More numbers can be
0			
Notes:			

Associated revisions

Revision 924bf567 - 2010-08-23 16:08 - Karsten Dambekalns

[+BUGFIX] FLOW3 (Cache): Removed tagIndex from memcache and APC backends, fixes #8918. Thanks to Christian Kuhn.

Change-Id: I6ee52676aa5db78bfa5410b296c94e99d5c41c1a

History

#1 - 2010-08-12 18:00 - Karsten Dambekalns

- Status changed from New to Accepted
- Assigned To set to Karsten Dambekalns
- Start date deleted (2010-07-17)

#2 - 2010-08-16 11:22 - Karsten Dambekalns

- Target version set to 1.0 alpha 11
- Start date set to 2010-08-16

#3 - 2010-08-16 11:35 - Karsten Dambekalns

- Status changed from Accepted to Resolved

- % Done changed from 0 to 100

Applied in changeset r4974.

Files

cacheBackendMemcachedBackend_removeTagIndex_after.png	23.4 kB	2010-07-17	Christian Kuhn
cacheBackendMemcachedBackend_removeTagIndex_before.png	23 kB	2010-07-17	Christian Kuhn
cacheBackendMemcachedBackend_removeTagIndex_flow3.diff	2.6 kB	2010-07-17	Christian Kuhn
cacheBackendMemcachedBackend_removeTagIndex_v4.diff	2.6 kB	2010-07-17	Christian Kuhn