Performance

This page is the general hub to coordinate everything related to performance in Tiki. There are quite a few options in tiki-admin.php?page=performance Minify, Memcached, XCache, APC, etc.

Monitoring of *.tiki.org site:

- http://pagespeed.googlelabs.com/
- websiteoptimization.com analyze
- webwait.com

Todo

- SVG-edit code is not minified
- CodeMirror code is not minified
- Filtering Best Practices picking the right filters improves performance
- http://www.smarty.net/faq.php#7
- Sprite Generator
- Re-save all images in Tiki package to make them lighter. Done for Tiki13
- Investigate http://www.dallaway.com/sloppy/

Wishlist

Open
<table>
<thead>
<tr>
<th>Rating</th>
<th>Subject</th>
<th>Submitted by</th>
<th>Importance</th>
<th>Easy to solve?</th>
<th>Priority</th>
<th>Category</th>
<th>Volunteered to solve</th>
<th>LastModif</th>
<th>Comments</th>
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<tbody>
<tr>
<td>⬤ ⬤ ⬤ ⬤</td>
<td>14.x: codemirror (amb mayeb other js?) stops working when pref tiki minify late js files is enabled</td>
<td>Xavier de Pedro</td>
<td>5</td>
<td>5</td>
<td>25</td>
<td>• Regression</td>
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<td>• Feature request</td>
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<td>• Dogfood on a *.tiki.org site</td>
<td>• Consistency • Conflict of two features (each works well independently)</td>
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<td>object too large for cache lib/cache/memcachelib.php</td>
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<td>Error just after profile is applied: Cache file temp/cache/modulexxx is not writable</td>
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<td>HTTP headers incorrect</td>
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<td><a href="http://tiki.org/tiki-admin.php?page=performance">http://tiki.org/tiki-admin.php?page=performance</a></td>
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<td>OpCache has run out of memory</td>
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<td>Priority</td>
<td>Category</td>
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<td>output handler 'ob_gzhandler' cannot be used after 'URL-Rewriter' in tiki-setup.php on line 1890</td>
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<td>1 low</td>
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<td>2013-10-28</td>
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<td>Read-only mode (ex.: when migrating a Tiki to a new server and you want the old one to still show content but not have edits)</td>
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<td>TikiWiki Performance issue with Azure website</td>
<td>upsafety</td>
<td>10 high</td>
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<td>2014-10-01</td>
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<td>15</td>
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<td>2013-10-28</td>
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</table>
Using Wiki cache can show the wrong language to other users

Marc Laporte

Easy to solve?: 5
Priority: 5
Category: 
Volunteered to solve: • Conflicts of two features (each works well independently)
LastModif: 2013-10-28
Comments: 0

Smarty cache is not automatically updated after a modification of language.php

shigerusz3

Easy to solve?: 3
Priority: 0
Category: • Usability
Volunteered to solve: 
LastModif: 2007-08-12
Comments: 0

virtual wikis seem to share cache for groups and categories drop down lists

Michel Van Eeckhout

Easy to solve?: 4
Priority: 0
Category: • Usability
Volunteered to solve: 
LastModif: 2008-05-01
Comments: 0

Tracker list plugin cache is showing a hash

Marc Laporte

Easy to solve?: 5
Priority: 0
Category: • Error
Volunteered to solve: • Dogfood on a *.tiki.org site
LastModif: 2008-01-28
Comments: 0

categorized-Permissions cannot be assigned when upgrading from 1.9 to 1.10 - cache problem

sitko

Easy to solve?: 5
Priority: 0
Category: • Error
Volunteered to solve: 
LastModif: 2008-03-17
Comments: 0
<table>
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<tr>
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<th>LastModif</th>
<th>Comments</th>
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<tr>
<td>1</td>
<td>renaming or deleting a wiki page doesn't update the link seen from CATEGORY plugin</td>
<td>Xavier de Pedro</td>
<td>7</td>
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<td>2008-11-27</td>
<td>1 xavi-31 Mar 10</td>
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<td>smarty template cache path exceeding maximum length</td>
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<td>• Error</td>
<td></td>
<td>2008-02-04</td>
<td>marclaporte-12 Jun 07</td>
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<td>Dogfood Unified search (Zend_Search_Lucene) on doc.t.o, dev.t.o, profiles.t.o</td>
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<td>Menu cache problem</td>
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<td>• Error</td>
<td>Javier Reyes</td>
<td>2008-02-04</td>
<td>orionrobots-27 Nov 05</td>
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<td>Long table truncated when presented as (cached)</td>
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<td>6</td>
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<td>• Error</td>
<td>sylvieg</td>
<td>2007-07-09</td>
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</table>

Closed

[+]
2010-01-26 profiling on Tiki trunk (Tiki5)
Lessons learned from

- LPH did some profiling on several DBs that were sent in and proceeded to several performances commits. The lesson is that most problems caused by poor server config. Improvements to the admin panel were made to help admins configure their server properly. (ex.: having enough memory for xCache)

Related:

- http://aws.typepad.com/aws/2012/05/amazon-cloudfront-support-for-dynamic-content.html
- http://gtmetrix.com/
- Content delivery network
- Scalable Cloud
- Reverse proxy
- Yslow
- Memory consumption
- Tracker Performance
- http://www.baohx.com/extras/zendcon/Gordon-ZendCon%202008.ppt
- HipHop
- http://performancewiki.com/
- Uptime
- https://www.ohloh.net/p/wincachegrind
- http://kcachegrind.sourceforge.net/
  - http://www.webogroup.com/home/site-speedup/complete-comparison/
- http://www.slideshare.net/AmazonWebServices/highly-available-websites-in-aws
- https://github.com/kakserpom/phpdaemon
- https://github.com/tedious/JShrink (used by Piwik)
- Fake data generators
  - https://github.com/mauris/samsui
  - https://github.com/fzaninotto/Faker -> Faker
- Speed
- Compression
- High Performance
- Cache
- Cacheing
- Profiling
- Scalability
- High availability
- Load balancing