Monitoring pre-dogfood servers

Set-up monitoring for all our pre-dogfood servers for all the checks we have, but especially last successful re-index. If last successful re-index is more than x (ex.:3) days old, an email alert should be sent out.

Here is a real-world example of why having checks on all pre-dogfood servers would have made everything smoother. An unidentified commit in trunk is causing indexing to crash:

https://dev.tiki.org/item4609

If we had been warned by a pre-dogfood sever, we could have found the commit and fixed the problem a few days after it appearing.
Note that this type of crash can also happen with some data not yet supported by the indexer, and thus, it can happen at any time, not just on code changes. And with a broken index, a Tiki site can be in big trouble because it doesn't just skip over the problem, it just dies. We are fortunate to have tons of data on all the pre-dogfood servers.

Because of issue 4609, we are stuck with respect to testing Unified Search with MySQL in trunk. Once this is solved, maybe something else will be discovered, so we to know ASAP so it's stable enough for Tiki12. This is crucial as per Search Dilemma

Importance
10 high

Easy to solve?
9

Priority
90

Demonstrate Bug

Please demonstrate your bug on show2.tikiwiki.org

Version: [trunk ▼](Create show2.tikiwiki.org instance)

Ticket ID
4678

Created
Wednesday 21 August, 2013 06:35:50 GMT-0000

LastModif
Thursday 03 April, 2014 04:03:48 GMT-0000

Comments

**Nelson Ko** 14 Nov 13 20:25 GMT-0000

This is a monitoring thing and IMO is not critical to Tiki 12. While I volunteered to coordinate this, monitoring is kind of a moving target, a bunch of people are working on different things - amette and changi both operate monitoring servers. No need for me to be a bottle neck - I am unassigning myself from the volunteered to solve field.

**Marc Laporte** 22 Feb 14 23:26 GMT-0000

Hi Nelson!

It's not working. Something major broke on one of the pre-dogfood servers and no one caught it. Either the monitoring server is not running or no one is looking at the results.
We need an early warning system when something breaks in trunk.

Thanks!

Marc Laporte 24 Apr 14 02:29 GMT-0000

Regarding the "last successful re-indexing"-notification:
Have you talked to the other Tiki sysadmins? They only have to do two things in the crontab to do that:

1. Add
   
   MAILTO="joe@example.org"

   to the crontab in front of the index rebuild line.

2. Add
   
   --cron

   to the php console.php index:rebuild command.

From then on, every time a re-indexing fails, you will get an e-mail.

Marc Laporte 02 Oct 14 01:53 GMT-0000

And now, these stats are messed up. Someone should have received an alert
## Attachments

<table>
<thead>
<tr>
<th>filename</th>
<th>created</th>
<th>hits</th>
<th>comment</th>
<th>version</th>
<th>filetype</th>
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No attachments for this item

The original document is available at [http://dev.tiki.org/item4678-Monitoring-pre-dogfood-servers](http://dev.tiki.org/item4678-Monitoring-pre-dogfood-servers)