Bugs & Wish list

All shards failed error when using Elasticsearch on pages with LIST plugins and sort_mode set in query string | Tiki Wiki CMS Groupware :: Development
All shards failed error when using Elasticsearch on pages with LIST plugins and sort_mode set in query string

Status
● Open

Subject
All shards failed error when using Elasticsearch on pages with LIST plugins and sort_mode set in query string

Version
15.x
16.x
17.x

Category
- Error

Feature
Search

Resolution status
New

Submitted by
Nelson Ko

Lastmod by
Nelson Ko, Jonny Bradley

Rating
★ ★ ★ ★ ★ (0)

Description
Users see an "All shards failed" error/warning feedback when using Elasticsearch on pages with LIST plugins and sort_mode set in query string (by whatever means, either the page's php itself or whatever). It will happen because if the sort_mode is set to something which is invalid for that search query, Elasticsearch will throw an error.

This issue should actually be handled In lib/core/Search/Query.php, as there is already an attempt at gracefully bypassing sort errors in function search(..), but it is not working (prob because of Elasticsearch upgrades). the sort exception is thrown in lib/core/Search/Elastic/Connection.php using a preg_match('/No mapping found for \(\S+\) in order to sort on/, it could be very likely ElasticSearch changed this. In fact, that whole firing different type of errors need to be reviewed for different version of Elasticsearch.

There is nevertheless a workaround for now even if the above isn't fixed - i.e. if you set a sort_arg variable for each of the LIST plugins on the page it will solve it, as then sort_mode in the query string won't affect these LIST searches. https://doc.tiki.org/LIST+-+list+or+pagination+command

Importance
5

Easy to solve?
6

Priority
     30

Demonstrate Bug (Tiki 19+)
     Please demonstrate your bug on show2.tiki.org

     Version: trunk ▼

Demonstrate Bug (older Tiki versions)
     Please demonstrate your bug on show.tikiwiki.org

     Version: 18.x ▼

Ticket ID
     6180

Created
     Friday 18 November, 2016 19:01:02 GMT-0000
     by Nelson Ko

LastModif
     Saturday 24 June, 2017 12:27:50 GMT-0000

Comments

Jonny Bradley 20 Nov 16 16:12 GMT-0000

This rings a bell on a bug we fixed (i thought) a while ago where a list plugin was used in a blog post (i think, might be articles) for the same sort_mode reason... but can't find it now, meh
I did find this one my Pat that seems to address the same issue. Maybe let's chat about it on IRC sometime?

azuledu 24 Jun 17 00:01 GMT-0000

Confirmed with Tikiwiki 16.2 and ElasticSearch 5.4.2

Jonny Bradley 24 Jun 17 14:39 GMT-0000

It looks like the exception that was being caught for ES v1 not longer gets thrown in ES v2+, which is why the workaround in lib/core/Search/Query.php:320 is no longer working...
It seems, according to the docs that we should be able to supply a "missing" value that can be used if the sort field isn't there, but i've tried it locally and can't get it to work... anyway, will keep a look out for another way to fix it but it should like it should take care of itself, but for us it doesn't... 🙁

Attachments

filename	created	hits	comment	version	filetype

No attachments for this item

The original document is available at
https://dev.tiki.org/item6180-All-shards-failed-error-when-using-Elasticsearch-on-pages-with-LIST-plugins-and-sort_mode-set-in-query-string