

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

Please demonstrate your bug on show2.tikiwiki.org

Version:

Ticket ID

6180

Created

Friday 18 November, 2016 19:01:02 GMT-0000

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

