

Bugs & Wish list

Search issue when using CustomSearch with MySQL Full Text Search as the Index | Tiki Wiki CMS

Groupware :: Development

Search issue when using CustomSearch with MySQL Full Text Search as the Index

Status

✖ Closed

Subject

Search issue when using CustomSearch with MySQL Full Text Search as the Index

Version

12.x

Category

- Error
- Indexing

Feature

Search

Wiki Plugin (extends basic syntax)

Resolution status

New

Submitted by

Pascal St-Jean

Volunteered to solve

manivannans

Lastmod by

Pascal St-Jean

Rating

★ ★ ★ ★ ★ (0) ?

Related-to

- ✖ Custom Search on a simple tracker doesn't work for me with the basic example in doc.t.o

Description

When using MySQL Full text Search as the index. CustomSeach plugin doesn't seem to find all items as compared to a PHP Lucene index

See show instance

Show username: admin

Show password: 12345

Solution

Some words such as "first" "Second" and "third" are ignored by MySQL search. The info is here: <http://dev.mysql.com/doc/refman/5.1/en/fulltext-stopwords.html>

I think the solution is simply better documentation.

We need a remarks box as follows:

<https://www.evernote.com/shard/s37/sh/5cc02209-28e2-4068-8b7c-59bc1d392911/8f68a7e4a3ccddd6ecd1da108345cfa2>

It should have the following texts:

MySQL Full Text Search:

- Advantage: Fast performance
- Advantage: Works out of the box with Tiki and even on most basic server setups
- Disadvantage: Many common words (such as "first", "second", and "third" are not searchable). See <http://dev.mysql.com/doc/refman/5.7/en/fulltext-stopwords.html> for full list
- Disadvantage: Only the first 65,535 characters (about 8000 words) of long pieces of content are searchable.

Lucene (PHP implementation):

- Advantage: Overcomes limitations of MySQL search mentioned above
- Advantage: Comes built in with Tiki
- Disadvantage: Slower performance
- Disadvantage: May not work well with the most basic server setups and because the index is stored on disk it is more prone to file permissions problems and other server configuration issues.

ElasticSearch

- Advantage: Most advanced and scalable search engine
- Advantage: Enables some very advanced/new features of Tiki
- Disadvantage: Needs to be separately installed from Tiki and requires more configuration (see <http://www.elasticsearch.org/> for more information).

I had added a remark box. Please check this commit id: 48338

Importance

5

Easy to solve?

5

Priority

25

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

4641

Created

Monday 12 August, 2013 13:42:28 GMT-0000
by Pascal St-Jean

LastModif

Tuesday 12 November, 2013 02:57:01 GMT-0000

Comments



Xavier de Pedro 12 Aug 13 16:32 GMT-0000

Tried your instancew in show.t.o, and it doesn't work for me with unified search PHP Lucene implementation either

Attachments

filename	created	hits	comment	version	filetype
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No attachments for this item

The original document is available at
<https://dev.tiki.org/item4641-Search-issue-when-using-CustomSearch-with-MySQL-Full-Text-Search-as-the-Index>