Bugs & Wish list

Browser search fails to find some term occurences in CodeMirror text areas | Tiki Wiki CMS Groupware :: Development
Browser search fails to find some term occurences in CodeMirror text areas

Status
🟢 Open

Subject
Browser search fails to find some term occurences in CodeMirror text areas

Version
12.x
15.x
16.x
17.x

Category
- Bug

Feature
Syntax highlighter (Codemirror)

Resolution status
Confirmed

Submitted by
Philippe Cloutier

Lastmod by
Philippe Cloutier

Rating
★ ★ ★ ★ ★ (0) ❓

Description
Search offered by browsers (Ctrl+F) looks in text areas. So if editing a wiki page (for example), browser search should allow finding a term in the wiki page's source. Unfortunately, CodeMirror does not find terms reliably, in Tiki 17 as well as trunk (r63983).

It's not exactly clear when search works and when it doesn't, but apparently occurrences of the search term inside the visible zone will be found. Those outside will not necessarily though.

For example, searching for "Smarty templates" in https://dev.tiki.org/DevTips only finds 1 of 3 occurences if the editor is at its default positioning (top).

This affects at least Firefox 55.0.3 and Google Chrome 61.0.

I consider this a serious bug for CodeMirror.

Solution
Set viewportMargin to Infinity

Importance
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
6458

Created
Wednesday 27 September, 2017 13:30:06 GMT-0000
by Philippe Cloutier

LastModif
Tuesday 03 October, 2017 15:45:28 GMT-0000

Comments

Marc Laporte 03 Oct 17 04:01 GMT-0000

Related: https://groups.google.com/forum/#!topic/codemirror/I3Dhb6us5qQ

Philippe Cloutier 03 Oct 17 15:44 GMT-0000

Ah, so not quite new. We must have viewportMargin set to 10, which explains why the some invisible occurences are found.

We're using CodeMirror 5, so we could fix that by setting viewportMargin to Infinity. The documentation says "This will have bad effects on performance of big documents."
I did not test, but I would support that change if the effect is not too bad.

Philippe Cloutier 26 Apr 19 19:21 GMT-0000

CodeMirror offers a "Find Text" tool (magnifier icon) which allows to workaround this. Unfortunately, that tool is badly broken - it will only find the first occurence of the term, then quietly fail.
In my opinion, with such a defect this tool just worsens the issue.

Attachments

filename	created	hits	comment	version	filetype

No attachments for this item

The original document is available at
https://dev.tiki.org/item6458-Browser-search-fails-to-find-some-term-occurences-in-CodeMirror-text-areas