

CoCoA-5 - Bug #1448

EmacsUI: sending line with "7" calls SourceRegion (!?!?!)

17 Apr 2020 13:56 - Anna Maria Bigatti

Status:	Closed	Start date:	17 Apr 2020
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	EmacsUI	Estimated time:	2.01 hours
Target version:	CoCoA-5.3.2	Spent time:	1.55 hour
Description			
<p>This is the most amusing and surprising bug I've ever seen. Evaluating C-<enter> (or C-c C-l) on the first line of this input gives error</p> <pre>points := [[1234567890, 4], [2,6]]; --> ERROR: Found End-of-Input while looking for the start of an expression</pre> <p>after many tests looking for the killer phantom character, I realized it is "7"</p> <pre>points := [[123456890, 4], [2,6]]; -- OK -- no 7</pre> <pre>use QQ[x,y,z]; F := [x-9*y^7, --<---- 7 x^4]; --> ERROR: Found End-of-Input ...</pre>			
Related issues:			
Related to CoCoA-5 - Bug #672: Emacs UI: strange string literal causes crash		Closed	09 Mar 2015

History

#1 - 17 Apr 2020 13:58 - Anna Maria Bigatti

```
points := [ [123456890, 4],
            [2,6]];
-- OK -- no 7
```

```
points := [ [4, 7],
            [2,6]];
--> ERROR: Found End-of-Input ...
```

```
points := [ [123456890, 4],
            [1,7],
            [2,6]];
--> ERROR: Found End-of-Input ...
```

```
use QQ[x,y,z];
F := [ x-9*y^7,
       x^4];
--> ERROR: Found End-of-Input ...
```

#2 - 17 Apr 2020 13:58 - Anna Maria Bigatti

- *Subject changed from EmacsUI: sending line with "7" calls SourceRegion (!!!) to EmacsUI: sending line with "7" calls SourceRegion (!?!?!)*

#3 - 17 Apr 2020 13:59 - Anna Maria Bigatti

- *Description updated*

#4 - 17 Apr 2020 15:19 - John Abbott

It is important to read carefully the description of the bug...

I confirm the bug for me (Ubuntu 18.04, emacs 25.2.1).

Very odd!

#5 - 17 Apr 2020 15:22 - John Abbott

I wonder if the problem is in the regexp on line 1423.... damn, I wrote that :-(

#6 - 17 Apr 2020 15:45 - John Abbott

- *Assignee set to John Abbott*

- *% Done changed from 10 to 50*

I have modified the regexp in my local copy, and it works now.

BUT the file contains some weird chars now :-/

Now sure how to do it otherwise... I'll make a couple more attempts.

#7 - 17 Apr 2020 16:07 - John Abbott

I think I have a reasonable solution; it may not behave exactly as before. It's tricky getting these regexps to do exactly what I want.

I have replaced the regexp by "`^[[:alnum:]][:space:][:punct:]]`"

A couple of quick tests seemed to work OK.

Also [#672](#) seems ok still.

#8 - 17 Apr 2020 16:07 - John Abbott

- *Related to Bug #672: Emacs UI: strange string literal causes crash added*

#9 - 17 Apr 2020 16:11 - John Abbott

- *Status changed from In Progress to Feedback*

- *% Done changed from 50 to 90*

I have checked in ([cocoa5.el](#))

How can we make a test suite for the emacs UI?

Please test, and let me know if it works.

#10 - 17 Apr 2020 16:19 - Anna Maria Bigatti

- *Status changed from Feedback to Closed*
- *% Done changed from 90 to 100*
- *Estimated time set to 2.01 h*

It works for me

```
GNU Emacs 22.3.1 (i386-apple-darwin9.8.0, Carbon Version 1.6.0)
of 2010-01-10 on gs674-seijiz.local
```

John Abbott wrote:

I have checked in (**cocoa5.el**)

How can we make a test suite for the emacs UI?

no idea. However there is a good team of testers!! ;-)

#11 - 30 Apr 2020 14:16 - Redmine Admin

- *Target version changed from CoCoA-5.4.0 to CoCoA-5.3.2*