

## CoCoA-5 - Bug #1448

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

17 Apr 2020 13:56 - Anna Maria Bigatti

<b>Status:</b>	Closed	<b>Start date:</b>	17 Apr 2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	EmacsUI	<b>Estimated time:</b>	2.01 hours
<b>Target version:</b>	CoCoA-5.3.2	<b>Spent time:</b>	1.55 hour
<b>Description</b>			
<p>This is the most amusing and surprising bug I've ever seen. Evaluating C-&lt;enter&gt; (or C-c C-l) on the first line of this input gives error</p> <pre>points := [ [1234567890, 4],             [2,6]]; --&gt; 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, --&lt;---- 7       x^4]; --&gt; ERROR: Found End-of-Input ...</pre>			
<b>Related issues:</b>			
Related to CoCoA-5 - Bug #672: Emacs UI: strange string literal causes crash		<b>Closed</b>	<b>09 Mar 2015</b>

## 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*