

CoCoA-5 - Bug #945

Emacs UI: comint buffer silently truncates(?) long lines when sending

12 Oct 2016 17:08 - John Abbott

Status:	Closed	Start date:	12 Oct 2016
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	EmacsUI	Estimated time:	0.70 hour
Target version:	CoCoA-5.3.0	Spent time:	0.70 hour
Description			
I sent a long line to an interactive cocoa5 inside emacs (v.24.5). CoCoA saw only the first part of the input line; it was apparently truncated at about 4096 chars.			
This seems to be a known problem with emacs; can we find a reasonable solution?			
Related issues:			
Related to CoCoA-5 - Bug #433: EMACS UI: trouble with sending a long line		Closed	06 Feb 2014

History

#1 - 12 Oct 2016 17:09 - John Abbott

- Related to Bug #433: EMACS UI: trouble with sending a long line added

#2 - 12 Oct 2016 17:15 - John Abbott

Note that issue [#433](#) dealt with the problem of sending long lines from a cocoa5-mode buffer to the interactive CoCoA session. This issue is very similar, but somehow different.

I was in an interactive **cocoa5** session, and introduced a long line via copy-and-paste (output from another program).

The line was of the form `L := [0, 0, 0, ..., 0]`; though not all the entries were zero. CoCoA-5 received just the first part of the list, and then issued a continuation prompt because it had not yet seen the end of the list.

The problem appears to be emacs specific: if I send the same input line to cocoa5 running in a terminal then it all works fine.

#3 - 12 Oct 2016 17:19 - John Abbott

One easy way to avoid the problem is to paste the line into a buffer in cocoa5-mode (e.g. associated to a CoCoA-5 source file), and then send the line from the buffer. Issue [#433](#) arranges for long lines to be sent by calling SourceRegion.

To reproduce the original problem print the output of `[0 | i in 1..2000]` to a file, then append a semicolon ; to the end. Now try copying-and-pasting that into as input to an interactive CoCoA-5 session inside emacs.

#4 - 12 Oct 2016 18:25 - John Abbott

The following URL may help:

<http://osdir.com/ml/emacs-bug-tracker-gnu/2016-08/msg00144.html>

#5 - 18 Jan 2017 17:17 - John Abbott

- Status changed from *New* to *In Progress*
- % Done changed from 0 to 10

#6 - 04 Mar 2020 16:26 - John Abbott

- Assignee set to *John Abbott*
- Target version changed from *CoCoA-5.?.?* to *CoCoA-5.3.0*
- % Done changed from 10 to 100
- Estimated time set to 0.70 h

This has already been done; see also [#672](#).

#7 - 04 Mar 2020 19:01 - John Abbott

- Status changed from *In Progress* to *Closed*