

## CoCoA-5 - Bug #462

### Emacs UI: semicolon problems

09 Mar 2014 21:16 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	09 Mar 2014
<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>	1.00 hour
<b>Target version:</b>	CoCoA-5.1.0 Easter14	<b>Spent time:</b>	1.75 hour
<b>Description</b> Semicolon sometimes does strange things.  It places the cursor in the wrong place if you type semicolon immediately after a string whose last word is a keyword:  <pre>PrintLn "No solution for ";</pre> Typing the above puts the cursor immediately after for, not after the semicolon as one would expect.  Something similar occurs if you try to type a semicolon in a string.			

#### History

##### #1 - 09 Mar 2014 21:19 - John Abbott

I think the problem is the call on line cocoa5.el:489:

```
(if abbrev-mode (expand-abbrev))
```

I believe this should happen only if not in a string or comment.

The problem is not serious: one can easily put the cursor back to where it should be, but it is still embarrassing/irritating.

PS I have just confirmed that the problem arises also for semicolons in comments

##### #2 - 23 Mar 2014 12:01 - John Abbott

- Status changed from New to In Progress

- % Done changed from 0 to 10

I have modified the emacs fn cocoa5-electric-semi-or-dot.

It now calls expand-abbrev only when point is in code.

**EDIT** (I was mistaken about the cursor being moved) It works tolerably well now, but if you type several semicolons, and then "undo" them you'll see that it takes 2 undo steps to eliminate a semicolon (not perfect, but acceptable, I suppose).

**NOTE** expand-abbrev seems to ignore some whitespace and punctuation characters when checking whether the last word in the buffer is expandable. An inconvenient "feature" in this instance :-(

**#3 - 02 Apr 2014 17:33 - Anna Maria Bigatti**

- *Target version set to CoCoA-5.1.0 Easter14*

**#4 - 16 Apr 2014 08:38 - Anna Maria Bigatti**

- *Assignee set to John Abbott*

Feedback

Works fine for me, no problems in strings or comments. Has this been fixed already?

**#5 - 16 Apr 2014 11:17 - John Abbott**

- *Status changed from In Progress to Feedback*

- *% Done changed from 10 to 90*

- *Estimated time set to 1.00 h*

It seems to work OK for me too.

I do vaguely recall discovering what the problem was and then fixing it (but evidently I forgot to update redmine).

**#6 - 02 May 2014 17:18 - John Abbott**

- *Status changed from Feedback to Closed*

- *% Done changed from 90 to 100*

It works fine both for me and for Anna -- after >2 weeks' testing. Closing!