

CoCoA-5 - Bug #445

EmacsUI: indentation is wrong sometimes (e.g. if Lambda1 is on previous line)

19 Feb 2014 21:48 - John Abbott

Status:	Closed	Start date:	19 Feb 2014
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	EmacsUI	Estimated time:	1.50 hour
Target version:	CoCoA-5.0.9	Spent time:	1.50 hour
Description			
The emacs UI sometimes gets indentation wrong inside a file.cocoa5.			
The specific case I observed was when the previous line contained a variable called Lambda1.			

History

#1 - 19 Feb 2014 21:53 - John Abbott

I think the problem may be in the definition of cocoa5-beg-block-re.

I presume the -re suffix means "regular expression". As defined the variable contains the string lambda, but this should be \blambda\b; the \b matches only symbols which cannot be in a "word" (e.g. spaces, punctuation)

My guess may also be quite wrong; I suspect the problem lies in the fn cocoa5-calculate-indent which is not easy to follow.

I'll leave it to an emacs expert to sort it out :-)

[I hope I'm not that emacs expert!]

#2 - 21 Feb 2014 00:54 - John Abbott

I've made some quick tests in a buffer associated to file.cocoa5.

Adding a **prefix** (comprising letters and/or digits) to a keyword seems to stop the emacs indent calculator from recognizing it. Adding a **suffix** sometimes inhibits recognition and sometimes allows it. Else seems not to be recognized when it has a suffix. If is still recognized when it has a suffix (even quite a long one).

EndXYZ keywords with a suffix are not recognized as changing indentation.

[I just a few cases]

However, C-c C-e seems **not** to recognize keywords with suffixes!

#3 - 21 Feb 2014 00:56 - John Abbott

- Target version set to CoCoA-5.0.9

- % Done changed from 0 to 10

#4 - 21 Feb 2014 12:18 - John Abbott

- % Done changed from 10 to 50

I think I have fixed it! :-)

Now the question is how to test it thoroughly?
[answer: a class full of unwitting guinea-pigs? ;-)]

#5 - 21 Feb 2014 12:35 - John Abbott

- *Status changed from New to Feedback*
- *% Done changed from 50 to 90*

The change was to cocoa5-beg-block-re; I simply added initial "\\<" and final "\\>" -- it seems that they had been there in the past, but were lost at some point.

I've done some more *ad hoc* testing; seems OK, so I've checked in.

#6 - 03 Mar 2014 17:59 - Anna Maria Bigatti

- *Assignee set to John Abbott*
- *% Done changed from 90 to 100*

Seems OK. I'm closing this (unless future guinea-pigs resurrects it ;-)

#7 - 05 Mar 2014 15:29 - John Abbott

- *Status changed from Feedback to Closed*

#8 - 02 Apr 2014 18:35 - Anna Maria Bigatti

- *Estimated time set to 1.50 h*