

CoCoA-5 - Bug #1489

Unhelpful error message for package followed by identifier (without dollar sign)

17 Sep 2020 16:09 - John Abbott

Status:	Closed	Start date:	17 Sep 2020
Priority:	Low	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	enhancing/improving	Estimated time:	1.99 hour
Target version:	CoCoA-5.4.0	Spent time:	1.95 hour
Description			
The following produces a misleading error message			
<pre>package abc; --> ERROR: I was expecting a package name but I've found the keyword "abc" --> package abc; --> ^^^</pre>			
The point being that package expects to be followed by a dollar sign. I don't know why it thinks that abc is a <i>keyword</i> ?!?			

History

#1 - 30 Sep 2020 17:36 - John Abbott

It looks like the error msg was generated by Parser.H:159.
There is also a comment in the code referring to [#673](#).

#2 - 02 Oct 2020 16:38 - John Abbott

- Status changed from New to Resolved
- Assignee set to John Abbott
- Target version changed from CoCoA-5.4.2 to CoCoA-5.4.0
- % Done changed from 0 to 70

It seems that the root cause was in LexemeClass... which was poorly written (by me?).
I have rewritten it, and all seems to be OK now.

I must still develop some tests:

- (1) work OK on correct input (*i.e.* export \$name)
- (2) gives helpful error msg for incorrect input: namely package followed by keyword, string literal, number, identifier, symbol, EOF.

#3 - 03 Oct 2020 17:20 - John Abbott

- % Done changed from 70 to 80

I have added some tests to a new file called test-package.cocoa5.
Not yet checked in: awaiting comments on [#1495](#) about what err mesgs should be produced.

#4 - 14 Oct 2020 12:31 - Anna Maria Bigatti

John Abbott wrote:

I have added some tests to a new file called test-package.cocoa5.

Not yet checked in: awaiting comments on [#1495](#) about what err mesgs should be produced.

(why [#1495](#)?)

I was caught a few times by this error: I forgot the need of "\$".

I changed the definition in Parser.C (as for other humanReadable strings) so now says so:

```
I was expecting a package name  ("PkgName") but I've found the keyword "abc"
```

#5 - 14 Oct 2020 13:58 - John Abbott

- *Status changed from Resolved to Closed*
- *% Done changed from 80 to 100*
- *Estimated time set to 1.99 h*