

CoCoA-5 - Bug #1421

SEGV: error("")

20 Feb 2020 17:02 - John Abbott

Status:	Closed	Start date:	20 Feb 2020
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	bug	Estimated time:	0.99 hour
Target version:	CoCoA-5.3.0	Spent time:	1.05 hour
Description			
The <b>error</b> function does not like having an empty string as argument: throws a fatal exception!			
Reported vocally by Julian Danner.			

History

#1 - 20 Feb 2020 17:03 - John Abbott

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

Not pretty!!

```
>>> error("");
CoCoAInterpreter: LineProviders.H:200: CoCoA::LexerNS::BaseException::BaseException(const string&): Assertion
`reason.length()>0' failed.

Process cocoa5 aborted (core dumped)
```

Looks like a failed assertion...

#2 - 20 Feb 2020 17:06 - John Abbott

```
explicit BaseException::BaseException(const std::string &reason) : reason(reason)
{
    assert(reason.length()>0);
}
```

Mmmm :-/

**#3 - 21 Feb 2020 12:44 - John Abbott**

- % Done changed from 10 to 50

While it is hard to imagine how an empty error description could be useful, it is surely wrong that CoCoA-5 crashes.  
So I plan to allow an empty description (and perhaps I'll replace it by a short message saying no description was given).

First impl compiles, but CoCoA-5 continues to behave as before... there is something wrong in the compilation mechanism!

**#4 - 21 Feb 2020 12:59 - John Abbott**

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

- Assignee set to *John Abbott*

- % Done changed from 50 to 90

- Estimated time set to 0.99 h

Not sure what the compilation problem in comment 3 was; it seems that starting CoCoA-5 from inside emacs, might sometimes start the old version(???)

Anyway, it now works as expected. An empty string is actually replaced by >>>> **no description given** <<<<

**#5 - 26 Feb 2020 16:27 - John Abbott**

- Status changed from *Feedback* to *Closed*

- % Done changed from 90 to 100