CoCoA-5 - Bug #1226

ExternalLibs return empty list

09 Sep 2018 13:56 - John Abbott

Status:	Closed	**Start date:**	09 Sep 2018
Priority:	Normal	**Due date:**	
Assignee:	Anna Maria Bigatti	**% Done:**	100%
Category:	External Libs	**Estimated time:**	0.00 hour
Target version:	CoCoA-5.3.0	**Spent time:**	1.40 hour

Description

In my personal working version of CoCoA-5.2.5 the command ExternalLibs() returns an empty list even though VersionInfo reports that GMP and Frobby are present. Moreover configure --again reports that GSL and READLINE were also present.

History

#1 - 10 Sep 2018 12:11 - Anna Maria Bigatti

fixed
(using new output of VersionInfo)

#2 - 08 Feb 2019 20:41 - John Abbott

- Status changed from New to Feedback

- Assignee set to Anna Maria Bigatti

- % Done changed from 0 to 90

Can we make the function return also the versions of the external libraries as in **VersionInfo**?
Is it worth doing this?

#3 - 08 Feb 2019 20:43 - John Abbott

- Description updated

#4 - 15 Feb 2019 12:06 - Anna Maria Bigatti

Currently it is implemented as

```
define ExternalLibs()
  return [ L.name | L in VersionInfo().ExternalLibs];
enddefine
```

we could change it into

```
  return VersionInfo().ExternalLibs;
```

but then the output is unreadable.
So (obviously I had thought about this, even if I can't remember!) I had written this in the manual. Maybe I should explain better?

#5 - 15 Feb 2019 13:15 - John Abbott

I am now inclined to change my mind about my comment 2 above. As Anna says, the info is directly available from VersionInfo(), and even the manual page shows this clearly.

On my computer **READLINE** does not appear even though CoCoAInterpreter has been compiled with READLINE; this is probably because READLINE is handled in a different way? I suppose we should fix this... :-/ (And then close?)

Also **GSL** is not reported as being present...

#6 - 15 Feb 2019 14:29 - Anna Maria Bigatti

John Abbott wrote:

> On my computer **READLINE** does not appear even though CoCoAInterpreter has been compiled with READLINE; this is probably because READLINE is handled in a different way? I suppose we should fix this... :-/ (And then close?)

are you sure you have **READLINE**?
It is no longer in the default compilation.

#7 - 15 Feb 2019 14:54 - John Abbott

Yes, I definitely have READLINE -- it works!

It is true that **READLINE** is included in the *interpreter,* and not in CoCoALib; so it is probably OK to omit it from ExternalLibs.

However, as I added in my previous comment, **GSL** is present in my CoCoALib (and in autoconf.mk), but is not listed by ExternalLibs.

#8 - 02 Oct 2019 16:22 - John Abbott

- Status changed from Feedback to Closed

- % Done changed from 90 to 100

This has been in feedback for at least 7 months. I cannot quickly and easily check whether the GSL problem still persists. Closing.