

CoCoALib - Feature #1219

Frobby version number

16 Aug 2018 06:56 - John Abbott

Status:	In Progress	Start date:	16 Aug 2018
Priority:	Normal	Due date:	
Assignee:		% Done:	10%
Category:	Documentation	Estimated time:	0.00 hour
Target version:	CoCoALib-0.99880	Spent time:	1.15 hour
Description It is possible to get the version number from Frobby. Modify ExternalLibs.C so that it extracts Frobby's version number.			
Related issues:			
Related to CoCoALib - Feature #1050: ExternalLibs: function for getting info		Closed	24 Apr 2017
Related to CoCoALib - Design #1221: Reconsider design for accessing headers a...		Closed	16 Aug 2018

History

#1 - 16 Aug 2018 06:58 - John Abbott

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

The Frobby version number (C string) is in constants::version defined in src/stdinc.h and src/stdinc.cpp.
Note that stdinc.h is not included in frobby.h, so I suggest writing an extra file ExternalLib-Frobby-version.C which just gets the version number (to avoid including stdinc.h more than necessary).

#2 - 16 Aug 2018 07:48 - John Abbott

With the current design it is trickier than expected.

The main point is that the current design of CoCoALib assumes that external libraries have **single** header files which are then linked to (symbolically) from CoCoALib's own configuration/ExternalLibs/include/ directory. So it is non-trivial to make two of Frobby's header files visible to CoCoALib.

What to do?

- (1) modify (my already modified copy of) Frobby so that its "version function" is declared in frobby.h. Such a modification makes some sense; indeed the nicest way might be to create a new Frobby header version.h, and then include that header in frobby.h (but this won't work with CoCoALib's way of including external libs...)
- (2) change CoCoALib's design regarding external libs, so that it links to external **directories**

#3 - 16 Aug 2018 09:20 - John Abbott

- Related to Feature #1050: ExternalLibs: function for getting info added

#4 - 16 Aug 2018 09:22 - John Abbott

- Related to Design #1221: Reconsider design for accessing headers and libs of external libraries added

#5 - 23 Sep 2019 15:20 - John Abbott

- Target version changed from CoCoALib-0.99650 November 2019 to CoCoALib-0.99700

#6 - 30 Oct 2019 21:51 - John Abbott

There was recent email from Bjarke Rouné stating that he will no longer be able to maintain Frobby.
We should contact the other users to make a unified stable version which can be kept on "life-support".

#7 - 09 Jan 2020 12:18 - John Abbott

- Target version changed from CoCoALib-0.99700 to CoCoALib-0.99800

#8 - 16 Feb 2021 17:19 - John Abbott

- Target version changed from CoCoALib-0.99800 to CoCoALib-0.99850

I believe that maintenance of **Frobby** has now passed to the Macaulay group (Mike Stillman, *etc.*)
We should contact them... when we find time :-/

#9 - 08 Mar 2023 19:40 - John Abbott

- Target version changed from CoCoALib-0.99850 to CoCoALib-0.99880