

## CoCoALib - Feature #1219

### Frobby version number

16 Aug 2018 06:56 - John Abbott

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

### 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 Froby. 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 **Froby** 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