

## CoCoALib - Design #1221

### Reconsider design for accessing headers and libs of external libraries

16 Aug 2018 09:22 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	16 Aug 2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Portability	<b>Estimated time:</b>	0.22 hour
<b>Target version:</b>	CoCoALib-0.99800	<b>Spent time:</b>	0.30 hour
<b>Description</b>			
The current design for accessing headers of external libs more or less assumes that the external lib has a single header file. It may be better to maintain an external reference to a directory containing the header files of each external lib. Consider; and implement if the idea seems good.			
<b>Related issues:</b>			
Related to CoCoALib - Feature #1219: Froby version number		<b>In Progress</b>	<b>16 Aug 2018</b>

#### History

##### #1 - 16 Aug 2018 09:22 - John Abbott

- Related to Feature #1219: Froby version number added

##### #2 - 23 Sep 2019 12:46 - John Abbott

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

##### #3 - 08 Jan 2020 22:56 - John Abbott

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

##### #4 - 06 Oct 2020 14:57 - John Abbott

- Status changed from New to In Progress

- Assignee set to John Abbott

- % Done changed from 0 to 50

I wonder exactly what I had in mind when creating this issue.

The current situation is as follows: in ExternalLibs/include the symbolic links for **normaliz** and **gfanlib** actually point to **directories**.

This structure seems to be necessary since the unified header files are actually full of include directives which assume that the directory containing all the gfanlib/normaliz header files are in the search path.

**NOTE** CoCoALib also uses this approach for the unified header file.

The current design seems to work fine (for me and for others I know); I have heard of no complaints.

Should we regard this as actually resolved? Perhaps even simply close the issue?

##### #5 - 09 Oct 2020 13:54 - John Abbott

- Status changed from In Progress to Closed

- % Done changed from 50 to 100

- Estimated time set to 0.22 h

Closing because the current design seems to work well (and has not changed for many months).

Surely the recorded time for this issue is wrong!