

CoCoA-5 - Bug #1356

CoCoA-5 header files: should use a common prefix for CPP variables which enforce read-once

29 Oct 2019 12:20 - John Abbott

Status:	Closed	Start date:	29 Oct 2019
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Portability	Estimated time:	1.11 hour
Target version:	CoCoA-5.4.0	Spent time:	1.10 hour
Description			
The usual trick to ensure that header files are read only once is to define a CPP variable the first time the header is read; later attempts to read the header check whether that variable is set.			
We use this trick, but we should use a common prefix for the variables used. In CoCoALib this prefix is CoCoA_ . I suggest using the prefix CoCoA5_ for header files for CoCoA-5.			
Related issues:			
Related to CoCoALib - Support #1555: Software licence		Closed	21 Dec 2020

History

#1 - 09 Jan 2020 11:46 - John Abbott

- Target version changed from CoCoA-5.3.0 to CoCoA-5.4.0

Postpone because it is not urgent/important. It should be a simple change, but I prefer to do it when there is less time pressure.

#2 - 05 Nov 2021 16:47 - John Abbott

This is a reasonable proposal. Let's do it!
Soon?

#3 - 05 Nov 2021 23:07 - John Abbott

- Status changed from New to Resolved
- Assignee set to John Abbott
- % Done changed from 0 to 80

I have changed all the files.
The only slightly strange one is C5.H where the whole file is inside a #ifdef block -- not sure if I have done the right thing.

All compiles, and all tests pass.
Will check in soon.

#4 - 08 Nov 2021 16:43 - John Abbott

I have reviewed the header files and checked them in.

We need to review also the copyright notices: I have added Abbott & Bigatti (where missing).
The copyright blurb refers to CoCoALib, but that is not strictly correct -- what to do?

#5 - 12 Nov 2021 10:31 - John Abbott

- Related to Support #1555: Software licence added

#6 - 12 Nov 2021 10:45 - John Abbott

- *Status changed from Resolved to Closed*
- *% Done changed from 80 to 100*
- *Estimated time set to 1.11 h*