

CoCoALib - Design #933

Separate configure scripts for CoCoALib and CoCoA-5

30 Sep 2016 11:20 - John Abbott

Status:	In Progress	Start date:	30 Sep 2016
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	10%
Category:	Portability	Estimated time:	0.00 hour
Target version:	CoCoALib-0.99880	Spent time:	0.30 hour
Description			
Currently there is a single configure script for both CoCoALib and CoCoA-5. Strictly they should be separate. Is it feasible to separate them? Is it worth doing so?			
Related issues:			
Related to CoCoALib - Design #932: CoCoALib configuration: BOOST dependency		Closed	30 Sep 2016
Related to CoCoA-5 - Bug #757: readline: fix script for finding libreadline		Closed	31 Jul 2015
Related to CoCoALib - Support #1353: configure script help		Closed	27 Oct 2019
Related to CoCoALib - Feature #1360: configure script: add flags for "only co...		Closed	01 Nov 2019
Related to CoCoA-5 - Feature #1479: CoCoA release for linux: CoCoAInterpreter...		Closed	07 Aug 2020

History

#1 - 30 Sep 2016 11:20 - John Abbott

- Related to Design #932: CoCoALib configuration: BOOST dependency added

#2 - 03 Oct 2016 14:11 - John Abbott

- Related to Bug #757: readline: fix script for finding libreadline added

#3 - 28 Apr 2017 11:27 - Anna Maria Bigatti

- Project changed from CoCoA to CoCoALib

- Category changed from Philosophy to Portability

- Assignee set to John Abbott

- Target version set to CoCoALib-1.0

I'd rather not.

First of all, it works as it is.

Secondly, CoCoALib and CoCoA-5 are strictly related: nice to keep them strictly tied.

#4 - 28 Apr 2017 11:50 - John Abbott

Oh, I am of the opposite opinion.

Whatever solution we adopt, it should be as easy as possible to configure and build CoCoALib and CoCoA-5 together.

#5 - 27 Oct 2019 21:13 - John Abbott

- Related to Support #1353: configure script help added

#6 - 09 Jan 2020 13:30 - John Abbott

- Related to Feature #1360: configure script: add flags for "only cocoa5" or "both cocoa5" (for boost) added

#7 - 20 Oct 2020 11:58 - John Abbott

- Related to Feature #1479: CoCoA release for linux: CoCoAInterpreter: with and without libreadline? added

#8 - 14 Oct 2022 10:11 - Anna Maria Bigatti

Anna Maria Bigatti wrote:

I'd rather not.
First of all, it works as it is.
Secondly, CoCoALib and CoCoA-5 are strictly related: nice to keep them strictly tied.

I still think they should stay together.
We have added the flag `--only-cocoalib` (so that it does not look for boost)

#9 - 14 Oct 2022 11:53 - John Abbott

- Status changed from New to In Progress
- Target version changed from CoCoALib-1.0 to CoCoALib-0.99850
- % Done changed from 0 to 10

The advantage of two separate configure scripts is that they would be smaller (and more manageable?) than the one **large, cumbersome** script we currently have.

The disadvantage is that it would become more involved for anyone who wants to build CoCoA-5 (and GUI?) from source: they would have to go through two separate configuration steps.

Maybe in this instance we should go with *if it ain't broke, don't fix it*

What we have currently seems to work adequately (but it is a pain to maintain).
We can stick with what we have until some future point where we are forced to reconsider... we do have far more pressing matters to attend to.

Reject?

#10 - 23 Jan 2024 21:52 - John Abbott

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