

CoCoALib - Support #1353

configure script help

27 Oct 2019 21:13 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	27 Oct 2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Documentation	<b>Estimated time:</b>	1.11 hour
<b>Target version:</b>	CoCoALib-0.99700	<b>Spent time:</b>	1.05 hour
<b>Description</b> Bruns recently asked (by email) if configuring CoCoALib with <b>--no-boost</b> will work OK.  I believe CoCoALib does not depend on BOOST at all; it is needed only for the CoCoA-5 interpreter.  Check this; and perhaps modify the help for <b>configure</b> so that it is clear that the BOOST options are relevant only for CoCoA-5.			
<b>Related issues:</b>			
Related to CoCoALib - Design #933: Separate configure scripts for CoCoALib an...		<b>In Progress</b>	<b>30 Sep 2016</b>
Related to CoCoALib - Feature #1360: configure script: add flags for "only co...		<b>Closed</b>	<b>01 Nov 2019</b>
Related to CoCoALib - Design #1413: configure script: MODE option obsolete?		<b>Closed</b>	<b>11 Feb 2020</b>

History

#1 - 27 Oct 2019 21:13 - John Abbott

- Related to Design #933: Separate configure scripts for CoCoALib and CoCoA-5 added

#2 - 27 Oct 2019 21:16 - John Abbott

- Status changed from New to In Progress
- % Done changed from 0 to 20

I have just compiled CoCoALib with the option **--no-boost**, and everything worked fine (as I expected/hoped). Of course, CoCoA-5 did not build.  
  
It may help to make a special section in the **configure** help message for options related just to CoCoA-5 (BOOST and readline).

#3 - 28 Oct 2019 11:48 - Anna Maria Bigatti

- % Done changed from 20 to 30

I think that **--no-boost** should be listed as a CoCoALib option, because it can compile without boost, instead of a CoCoA-5 option, because the latter cannot compile without boost, so that's non an option.

#4 - 28 Oct 2019 12:31 - John Abbott

Ahhh. I see your point.  
  
For CoCoALib the option **--no-boost** does nothing (since CoCoALib does not use BOOST, I believe). This does make me feel that separate configure scripts for CoCoALib and CoCoA-5 might make better sense; though it will be (very) slightly more work for us when we want to compile a new version of CoCoA-5.  
  
The current arrangement is potentially confusing for people who just want CoCoALib.

**#5 - 29 Oct 2019 10:58 - Anna Maria Bigatti**

I have another suggestion: add the flag **--only-lib** that does --no-boost --no-readline and does not compile cocoa5. Configuration should be faster, and also compilation (with no attempt to compile cocoa5)

**#6 - 09 Jan 2020 13:29 - John Abbott**

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

**#7 - 09 Jan 2020 13:32 - John Abbott**

- Assignee set to John Abbott
- % Done changed from 30 to 90
- Estimated time set to 0.88 h

I think that the *documentation* for the configure script is clear enough now; so am moving this issue to *feedback*. The issue ([#1360](#)) about the names for the options is separate.

**#8 - 11 Feb 2020 12:41 - John Abbott**

- Related to Design #1413: configure script: MODE option obsolete? added

**#9 - 13 Feb 2020 11:06 - John Abbott**

- Status changed from In Progress to Closed
- % Done changed from 90 to 100
- Estimated time changed from 0.88 h to 1.11 h

Anna finds current --help doc acceptable. Closing.

**NOTE** the help will almost certainly change when [#1360](#) is implemented!