

CoCoALib - Bug #793

compilation on fedora 23: some worrying "error messages"

02 Nov 2015 15:01 - John Abbott

Status:	Closed	Start date:	02 Nov 2015
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Makefile	Estimated time:	3.10 hours
Target version:	CoCoALib-0.99560	Spent time:	1.60 hour
Description			
Compilation on the new computer (with fedora 23, due for release tomorrow ??? according to Wikipedia) produced several worrying messages in TmpFactorDir saying Fatal error; compilation terminated However, compilation proceeds anyway!			

History

#1 - 03 Nov 2015 11:34 - John Abbott

I shall try to investigate this, but it may take a long time. The new computer seems to be quite fast (e.g. more than twice as fast as my old portable), but it takes **ages** to compile: compiling and linking one example took about 1 minute real time (about about 1 sec CPU time).

#2 - 03 Nov 2015 12:56 - John Abbott

- Status changed from New to In Progress

- Assignee set to John Abbott

The new computer took **100mins** to compile and run the examples. Just running the examples takes only 30secs.

#3 - 03 Nov 2015 14:45 - Anna Maria Bigatti

John Abbott wrote:

The new computer took **100mins** to compile and run the examples. Just running the examples takes only 30secs.

... get a new portable (remember: use or lose it ;-)

Jokes apart: I think we should not worry too much about a machine with no local disk (I guess that's where the problem is)

#4 - 03 Nov 2015 15:00 - John Abbott

I'm recompiling (with full debugging), and the mysterious Fatal error messages have not reappeared; and anyway despite them, the first compilation completed, and the tests passed... very odd!

#5 - 03 Nov 2015 16:15 - John Abbott

I'm compiling some other programs; compilation time varies from 2mins to almost 5mins. I'll ask the technical guy if this is normal. Actually I think it is the linking which is taking so long... I don't think we can do anything about this (except perhaps remove lots of functions from CoCoALib, which is hardly practical).

#6 - 05 Nov 2015 16:01 - John Abbott

- % Done changed from 0 to 10
- Estimated time set to 3.10 h

The **Fatal error** messages appeared once again when I tried building CoCoALib from a new unpackaged tar file. The errors about about the file gmp.h not being found during the creation of the dependency files.

I configured using a non-installed version of GMP-6.1.0.

Anyway, the internal dependencies should be independent of where the CoCoA source tree is.

#7 - 22 Sep 2016 16:16 - John Abbott

- Status changed from In Progress to Closed
- % Done changed from 10 to 100

I have not noticed this problem lately. It wouldn't surprise me to find that it is due to the "wobbly" remote file system.

Closing.

#8 - 15 Dec 2017 16:59 - John Abbott

- Target version changed from CoCoALib-1.0 to CoCoALib-0.99560