CoCoALib - Feature #617

configure: check all libraries for compatibility

08 Sep 2014 17:11 - John Abbott

Status:	New		Start date:	08 Sep 2014
Priority:	Normal		Due date:	
Assignee:			% Done:	0%
Category:	Portability		Estimated time:	0.00 hour
Target version:	CoCoALib-1.0		Spent time:	0.25 hour

Description

Currently the configuration scripts check that the BOOST libraries are compatible with libgmp, but there are no other compatibility checks.

Perhaps add a single file (with lots of #ifdef) which checks compatibility of all libraries; or there could be a separate file for each library?

Currently compilation proceeds until eventually some test fails to link properly -- this wastes a lot of the users' time.

History

#1 - 09 Sep 2014 12:21 - John Abbott

The advantage of a single test is that it is easier to manage and maintain.
The advantage of a separate test for each ExtLib is that when there is an incompatibility, we can say which ExtLibs are incompatible (with GMP).

Separate tests would not reveal any incompatibility between different ExtLibs (but how likely would this be?)