Gromacs - Bug #1282

fix to use more obvious Blue Gene/Q compiler wrappers

06/16/2013 09:16 PM - Jeff Hammond

Status: Closed
Priority: Low
Assignee: Mark Abraham
Category: build system
Target version: 
Affected version: git master

Description
As noted in the patch description, it is not a good idea to use mpicc wrappers to XL since this is only true for some cases; users expect these to be wrappers for GCC. The use of mpixl* wrappers is unambiguous and the widely accepted practice on Blue Gene systems.

Associated revisions
Revision 5f127a98 - 06/17/2013 12:07 AM - Jeff Hammond
Use more obvious name of BGQ compiler MPI wrappers

While it is true that mpicc points to the XL compilers when it is the one found in xl.ndebug/bin, this is not generally true and thus the use of mpicc as a wrapper for XL violates the principle of least surprise. The mpixl* wrappers are unambiguous and equally valid.

Fixes #1282
Change-Id: i460e829e55a221d8be35a70932864555feb21a95

History
#1 - 06/17/2013 12:19 AM - Mark Abraham
- Status changed from New to Fix uploaded

https://gerrit.gromacs.org/#/c/2448/

#2 - 06/20/2013 04:15 PM - Jeff Hammond
- Status changed from Fix uploaded to Resolved
- % Done changed from 0 to 100

Applied in changeset 5f127a98b81d11cc512e9534b839d37e51303bf.

#3 - 12/16/2013 05:00 PM - Rossen Apostolov
- Status changed from Resolved to Closed

Files
0003-use-more-obvious-name-of-BGQ-compiler-MPI-wrappers.patch 2.19 KB 06/16/2013 Jeff Hammond