GROMACS - Bug #1282

fix to use more obvious Blue Gene/Q compiler wrappers

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

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td>Mark Abraham</td>
</tr>
<tr>
<td>Category:</td>
<td>build system</td>
</tr>
<tr>
<td>Target version:</td>
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<td>Affected version - extra info:</td>
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<td>Difficulty:</td>
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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 5f127a98b81d11cc512e9534b839d37e51303bfc.

#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

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