GROMACS - Bug #1360
OpenMP threads can get pinned to the same cores
10/22/2013 12:01 PM - Berk Hess

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td>Berk Hess</td>
</tr>
<tr>
<td>Category:</td>
<td>mdrun</td>
</tr>
<tr>
<td>Target version:</td>
<td>4.6.4</td>
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<td>Affected version:</td>
<td>4.6.3</td>
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<td>Difficulty:</td>
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Description
Due to the thread id not being a thread-local variable in the OpenMP loop setting the thread affinities, different OpenMP threads can get pinned to the same physical cores.

Associated revisions
Revision 6aeb9d18 - 10/22/2013 12:04 PM - Berk Hess
fixed OpenMP threads being pinned to the same cores

Due to the thread id not being a thread-local variable in the OpenMP loop setting the thread affinities, different OpenMP threads could be pinned to the same physical cores.
Fixes #1360
Change-Id: I7bc39aef9a8854ec24006895da6005c1326033a3

History
#1 - 10/22/2013 04:24 PM - Berk Hess
- Status changed from New to Fix uploaded

#2 - 10/22/2013 04:50 PM - Berk Hess
- Status changed from Fix uploaded to Resolved
- % Done changed from 0 to 100

Applied in changeset 6aeb9d180579594a7ad5da0261fb44ce172fd698.

#3 - 12/03/2013 04:13 PM - Rossen Apostolov
- Status changed from Resolved to Closed