

GROMACS - Bug #2733

MdrunUtilityMpiUnitTests timeout on i686 and armv7hl with OpenMPI 2.1.5

11/05/2018 05:15 PM - Christoph Junghans

Status: Blocked, need info	
Priority: Normal	
Assignee: Paul Bauer	
Category: testing	
Target version:	
Affected version - extra info:	Difficulty: uncategorized
Affected version: 2018.3	
Description	
On i686:	
<pre>13/24 Test #13: MdrunUtilityMpiUnitTests***Timeout 120.14 sec [=====] Running 13 tests from 2 test cases. [-----] Global test environment set-up. [-----] 6 tests from ThreadAffinityMultiRankTest [RUN] ThreadAffinityMultiRankTest.PinsWholeNode [OK] ThreadAffinityMultiRankTest.PinsWholeNode (1 ms) [RUN] ThreadAffinityMultiRankTest.PinsWithOffsetAndStride [OK] ThreadAffinityMultiRankTest.PinsWithOffsetAndStride (0 ms) [RUN] ThreadAffinityMultiRankTest.PinsTwoNodes [OK] ThreadAffinityMultiRankTest.PinsTwoNodes (1 ms) [RUN] ThreadAffinityMultiRankTest.DoesNothingWhenDisabled [OK] ThreadAffinityMultiRankTest.DoesNothingWhenDisabled (0 ms) [RUN] ThreadAffinityMultiRankTest.HandlesTooManyThreadsWithAuto [OK] ThreadAffinityMultiRankTest.HandlesTooManyThreadsWithAuto (0 ms) [RUN] ThreadAffinityMultiRankTest.HandlesTooManyThreadsWithForce [OK] ThreadAffinityMultiRankTest.HandlesTooManyThreadsWithForce (0 ms) [-----] 6 tests from ThreadAffinityMultiRankTest (2 ms total) [-----] 7 tests from ThreadAffinityHeterogeneousNodesTest [RUN] ThreadAffinityHeterogeneousNodesTest.PinsOnMasterOnly [OK] ThreadAffinityHeterogeneousNodesTest.PinsOnMasterOnly (1 ms) [RUN] ThreadAffinityHeterogeneousNodesTest.PinsOnNonMasterOnly [OK] ThreadAffinityHeterogeneousNodesTest.PinsOnNonMasterOnly (0 ms) [RUN] ThreadAffinityHeterogeneousNodesTest.HandlesUnknownHardwareOnNonMaster [OK] ThreadAffinityHeterogeneousNodesTest.HandlesUnknownHardwareOnNonMaster (0 ms) [RUN] ThreadAffinityHeterogeneousNodesTest.PinsAutomaticallyOnMasterOnly [OK] ThreadAffinityHeterogeneousNodesTest.PinsAutomaticallyOnMasterOnly (1 ms) [RUN] ThreadAffinityHeterogeneousNodesTest.PinsAutomaticallyOnNonMasterOnly [OK] ThreadAffinityHeterogeneousNodesTest.PinsAutomaticallyOnNonMasterOnly (0 ms) [RUN] ThreadAffinityHeterogeneousNodesTest.HandlesInvalidOffsetOnNonMasterOnly</pre>	
and armv7hl:	
<pre>13/24 Test #13: MdrunUtilityMpiUnitTests***Timeout 120.14 sec [=====] Running 13 tests from 2 test cases. [-----] Global test environment set-up. [-----] 6 tests from ThreadAffinityMultiRankTest [RUN] ThreadAffinityMultiRankTest.PinsWholeNode [OK] ThreadAffinityMultiRankTest.PinsWholeNode (2 ms) [RUN] ThreadAffinityMultiRankTest.PinsWithOffsetAndStride [OK] ThreadAffinityMultiRankTest.PinsWithOffsetAndStride (1 ms) [RUN] ThreadAffinityMultiRankTest.PinsTwoNodes</pre>	
Details here: https://koji.fedoraproject.org/koji/taskinfo?taskID=30673636	

History

#1 - 11/06/2018 10:56 AM - Paul Bauer

The timeout could be easily resolved by increasing the cut-off, but I'm not sure if there are underlying issues instead.

#2 - 11/06/2018 02:18 PM - Christoph Junghans

I already increase the timeout from 30 sec to 120 sec in the above tests.

Anyhow it seems like a problem in OpenMPI as other packages timeout too: https://bugzilla.redhat.com/show_bug.cgi?id=1512229

#3 - 11/08/2018 04:27 PM - Paul Bauer

- *Status changed from New to Blocked, need info*
- *Target version deleted (2018.4)*

ok, I'll block this until there is more info concerning openmpi

#4 - 01/17/2020 08:40 AM - Paul Bauer

is this still an issue in 2020?