

GROMACS - Task #3016

intermittent failure of essentialdynamics test

06/28/2019 05:01 PM - Szilárd Páll

Status:	New
Priority:	Normal
Assignee:	
Category:	
Target version:	
Difficulty:	uncategorized
Description	
<p>There has been at least one case of the essentialdynamics test failing and the failure disappearing after retrigger; it occurred during verification of change 11558, the failure was found on the gcc-7 gpuhw=nvidia gpu_id=1 cuda-10.0 thread-mpi openmp cmake-3.10.0 release-with-assert simd=avx2_256 host=bs_nix1204.bs_nix1204 configuration.</p>	
<pre>20:21:06 Abnormal return value for ' gmx mdrun -ntmpi 2 -gpu_id 1 -ntomp 2 -ei sam.edi -eo radcon.xvg >mdrun.out 2>&1' was -1 20:21:08 Essential dynamics tests FAILED with 1 errors!</pre>	
<p>This issue is to record the failure in case if it occurs again in the future.</p>	

History

#1 - 07/18/2019 04:25 PM - Szilárd Páll

More failures popping up:

http://jenkins.gromacs.org/job/Matrix_OnDemand/793/OPTIONS=gcc-7%20gpuhw=nvidia%20ranks=4%20gpu_id=1%20cuda-10.0%20no-hwloc%20release-with-assert%20gpubufferops%20host=bs_nix1204.label=bs_nix1204/consoleFull

#2 - 07/18/2019 05:23 PM - Szilárd Páll

Szilárd Páll wrote:

More failures popping up:

http://jenkins.gromacs.org/job/Matrix_OnDemand/793/OPTIONS=gcc-7%20gpuhw=nvidia%20ranks=4%20gpu_id=1%20cuda-10.0%20no-hwloc%20release-with-assert%20gpubufferops%20host=bs_nix1204.label=bs_nix1204/consoleFull

I just ran the very binary/test and have done 20 repeats with none reproducing the error that popped up in Jenkins.

I tried to dig into possible reasons as well, but haven't gotten anywhere. I hope someone has ideas.