

GROMACS - Task #2454

OpenCL infrastructure improvements

03/14/2018 08:51 PM - Szilárd Páll

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	mdrun	
Target version:	2019	
Difficulty:	uncategorized	
Description		
The OpenCL code-base requires some cleanup and modernization to make it easier to maintain and extend.		
This is a top-level task for general discussion/coordination.		
Subtasks:		
Task # 2193: OpenCL code modernization assuming v1.2 reqd		Closed
Task # 2438: bump OpenCL requirement to 1.2		Closed
Task # 2449: investigate: unit tests with OpenCL consume a lot of memory		Closed
Bug # 2450: OpenCL runtime version check missing		Closed
Related issues:		
Related to GROMACS - Task #2030: make the OpenCL nobonded kernels work on Int...		Closed
Related to GROMACS - Task #2048: C++11: CUDA dependency on general headers		New

Associated revisions

Revision bda60576 - 05/23/2018 11:12 PM - Roland Schulz

Rename GMX_OCL_CLUSTER_SIZE to GMX_OCL_NB_CLUSTER_SIZE

Refs #2454

Change-Id: I077447845a92bfa70808b63529d924732b5bd76d

History

#1 - 03/14/2018 08:54 PM - Szilárd Páll

- Related to Task #2030: make the OpenCL nobonded kernels work on Intel iGPU added

#2 - 03/19/2018 11:27 AM - Mark Abraham

- Related to Task #2048: C++11: CUDA dependency on general headers added

#3 - 05/23/2018 04:50 PM - Gerrit Code Review Bot

Gerrit received a related patchset '3' for Issue [#2454](#).

Uploader: Mark Abraham (mark.j.abraham@gmail.com)

Change-Id: gromacs~master~I077447845a92bfa70808b63529d924732b5bd76d

Gerrit URL: <https://gerrit.gromacs.org/7857>

#4 - 12/10/2018 02:49 PM - Szilárd Páll

- Description updated

- Status changed from New to In Progress

To resolve this, we need to remove [#2518](#) as a subtask as this has been bumped to 2020. Also need to get [#2450](#) rebased and merged.

#5 - 12/28/2018 12:39 PM - Paul Bauer

- Status changed from In Progress to Resolved

I removed the child task from this one now.

#6 - 12/31/2018 11:17 AM - Paul Bauer

- Status changed from Resolved to Closed