

GROMACS - Task #2695

Task # 2675 (In Progress): bonded CUDA offload task

bonded GPU module timing

10/13/2018 07:55 PM - Szilárd Páll

Status:	New
Priority:	Low
Assignee:	
Category:	mdrun
Target version:	2021
Difficulty:	simple
Description	
The timing implementation is straightforward, but not critical given that, due to the buggy cudaEven-timing facilities, it is not possible to time kernels when there is concurrent work launched (i.e. multiple streams).	
Host-side (launch) timing should also be added to avoid leaking time into "Rest".	

History

#1 - 10/13/2018 07:56 PM - Szilárd Páll

- Priority changed from Normal to Low

Note: not a blocker for the beta (nor the release IMO).

#2 - 12/05/2018 04:52 PM - Szilárd Páll

- Description updated

#3 - 12/05/2018 07:03 PM - Gerrit Code Review Bot

Gerrit received a related patchset '2' for Issue [#2695](#).

Uploader: Szilárd Páll (pall.szilard@gmail.com)

Change-Id: gromacs~release-2019~1b3f18b8285b979b818ab79713253bc7f7bb89e2a

Gerrit URL: <https://gerrit.gromacs.org/8784>

#4 - 12/21/2018 08:26 PM - Szilárd Páll

Host side cycle counting has been fixed. Device-side timing is TODO

#5 - 12/31/2018 11:21 AM - Paul Bauer

- Target version changed from 2019 to 2019.1

moved to 2019.1

#6 - 01/21/2019 01:20 PM - Mark Abraham

- Target version changed from 2019.1 to 2020

Too useless for 2019 branch

#7 - 12/27/2019 04:40 PM - Paul Bauer

- Target version changed from 2020 to 2021