

GROMACS - Bug #2536

Feature # 2054 (Accepted): PME on GPU

Task # 2453 (Resolved): PME OpenCL porting effort

clFFT execution not timed in PME

05/31/2018 04:54 PM - Aleksei lupinov

Status: Closed	
Priority: Normal	
Assignee: Szilárd Páll	
Category: mdrun	
Target version: 2019	
Affected version - extra info:	Difficulty: simple
Affected version: git master	
Description GpuParallel3dFft::perform3dFft() should be getting the timing event from pme_gpu_start_timing() and passing it to clfftEnqueueTransform(). I assume that will enable the timing.	

Associated revisions

Revision 29cb20e8 - 05/31/2018 06:14 PM - Aleksei lupinov

PME OpenCL 3D FFT transform is implemented, using clFFT

This is not yet used but already compiled.

Refs #2536

Change-Id: I49d47ce1ca2bfe75759e757259371289a18a584c

Revision 57aa7af8 - 06/04/2018 03:21 PM - Szilárd Páll

Fix timing of clFFT kernels

Also add some missing docs.

Fixes #2536

Change-Id: If5d9a3d6309e88f8ff4aed2ec58387e290755bb5

History

#1 - 05/31/2018 06:16 PM - Gerrit Code Review Bot

Gerrit received a related patchset '6' for Issue [#2536](#).

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

Change-Id: gromacs~master~I49d47ce1ca2bfe75759e757259371289a18a584c

Gerrit URL: <https://gerrit.gromacs.org/7866>

#2 - 05/31/2018 08:03 PM - Szilárd Páll

Might have a fix for this, didn't look to complicated.

#3 - 05/31/2018 09:28 PM - Gerrit Code Review Bot

Gerrit received a related patchset '1' for Issue [#2536](#).

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

Change-Id: gromacs~master~If5d9a3d6309e88f8ff4aed2ec58387e290755bb5

Gerrit URL: <https://gerrit.gromacs.org/7964>

#4 - 06/01/2018 04:34 PM - Szilárd Páll

- Category set to mdrun

- Status changed from New to Fix uploaded

- Assignee changed from *Aleksei lupinov* to *Szilárd Páll*

#5 - 06/04/2018 03:20 PM - Mark Abraham

- Affected version changed from *future* to *git master*

#6 - 06/04/2018 03:30 PM - Szilárd Páll

- Status changed from *Fix uploaded* to *Resolved*

Applied in changeset [57aa7af85e213f435dd74e6448e500e36dad7bf9](#).

#7 - 06/04/2018 06:44 PM - Mark Abraham

- Status changed from *Resolved* to *Closed*