

## GROMACS - Task #2529

Feature # 2054 (Accepted): PME on GPU

Task # 2453 (Resolved): PME OpenCL porting effort

### Improve test timeouts handling

05/28/2018 07:01 PM - Aleksei lupinov

<b>Status:</b>	Closed
<b>Priority:</b>	Normal
<b>Assignee:</b>	Szilárd Páll
<b>Category:</b>	testing
<b>Target version:</b>	2019
<b>Difficulty:</b>	simple

#### Description

With PME OpenCL change <https://gerrit.gromacs.org/7877> mdunt-test takes about 160 seconds to run on one of the Jenkins machines.

Current timeout is 120 seconds, so the change just lazily ups the maximum to 180 as of now (src/testutils/TestMacros.cmake:106). This should be formulated better by an additional option like GPU\_INTEGRATION\_TEST, to allow for customizable timeouts per test.

#### Associated revisions

##### Revision bdebbbac - 09/21/2018 06:20 PM - Szilárd Páll

Bump test timeout only for OpenCL integration tests

The OpenCL JIT time can make the mdrun integration tests time out, so we need to bump the timeouts. This change enables a double (240 seconds) timeout only for OpenCL builds.

Fixes #2529

Change-Id: Id0dd3a13f7b5edc5642bbae65de44c125993c7d5

#### History

##### #1 - 09/21/2018 05:08 PM - Szilárd Páll

On the current bs-gpu01 slave that's planned to be used for verification the times drop a bit:

```
Start 36: MdrunTests
36/45 Test #36: MdrunTests ..... Passed 69.42 sec
Start 37: MdrunMpiTests
37/45 Test #37: MdrunMpiTests ..... Passed 41.12 sec
```

On ROCm:

```
Start 36: MdrunTests
36/45 Test #36: MdrunTests ..... Passed 92.58 sec
Start 37: MdrunMpiTests
37/45 Test #37: MdrunMpiTests ..... Passed 55.81 sec
Start 38: GmxapiExternalInterfaceTests
```

Still, we probably want to leave some margin, so I could add a new option to the test macro that bumps the timeout for OpenCL builds.

##### #2 - 09/21/2018 05:14 PM - Gerrit Code Review Bot

Gerrit received a related patchset '1' for Issue [#2529](#).

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

Change-Id: gromacs~master~Id0dd3a13f7b5edc5642bbae65de44c125993c7d5

Gerrit URL: <https://gerrit.gromacs.org/8410>

##### #3 - 09/21/2018 05:14 PM - Szilárd Páll

- Status changed from New to Fix uploaded

- Assignee set to Szilárd Páll

**#4 - 09/21/2018 06:20 PM - Mark Abraham**

- *Target version changed from future to 2019*

**#5 - 09/21/2018 06:30 PM - Szilárd Páll**

- *Status changed from Fix uploaded to Resolved*

Applied in changeset [bdebbac56a3741697c09a146db5831aa30d663f](#).

**#6 - 10/03/2018 11:33 PM - Mark Abraham**

- *Status changed from Resolved to Closed*