

## GROMACS - Task #2532

Feature # 2054 (Accepted): PME on GPU

Task # 2453 (Resolved): PME OpenCL porting effort

### enable queue priorities in OpenCL

05/29/2018 02:29 PM - Szilárd Páll

<b>Status:</b>	New
<b>Priority:</b>	Normal
<b>Assignee:</b>	
<b>Category:</b>	mdrun
<b>Target version:</b>	
<b>Difficulty:</b>	simple
<b>Description</b>	
<p>When the <code>cl_khr_priority_hints</code> extension is available (OpenCL 2.1 and later), priority hints can be used by passing one of the three priority levels supported <code>clCreateCommandQueueWithProperties`</code>.</p> <p>Adding support is straightforward (just need to check API and device support), but we should also evaluate the platform support too when/before implementing it.</p> <p>Ref: <a href="https://www.khronos.org/registry/OpenCL/specs/2.2/html/OpenCL_Ext.html#cl_khr_priority_hints">https://www.khronos.org/registry/OpenCL/specs/2.2/html/OpenCL_Ext.html#cl_khr_priority_hints</a></p>	

### History

#1 - 05/29/2018 02:29 PM - Szilárd Páll

- Parent task set to #2453