**Gromacs - Task #1831**
remove CUDA polling wait
09/21/2015 04:22 PM - Sziárd Páll

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Sziárd Páll</td>
</tr>
<tr>
<td>Category:</td>
<td>mdrun</td>
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<td>Target version:</td>
<td>future</td>
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**Description**
Bumping the required CUDA version for the next release to >=5.0 (in Change 5080) means that workaround for the driver bug that caused a large cudaStreamSynchronize overhead in pre-API v5.0 (304.xx) drivers is not relevant anymore and can be removed.

**Associated revisions**

Revison 01efcdd4 - 09/23/2015 08:31 PM - Roland Schulz

Bump required CUDA version from 4.0+ to 5.0+

Removes the need for the polling wait workaround.

Refs #1831

Change-Id: I937dc0bdff4b6663fb89998eb750d3759620486e5

Revison 655d252f - 10/01/2015 08:00 PM - Berk Hess

Removed CUDA polling wait

Now that we require CUDA 5.0+, the polling wait is no longer needed.
Also removed some unused functions, function arguments and variables.

Fixes #1831

Change-Id: I3e21fc3e326030d738b35ce7f874818569c525f0

**History**

#1 - 09/24/2015 12:08 AM - Gerrit Code Review Bot
Gerrit received a related patchset '6' for Issue #1831.
Uploader: Roland Schulz (roland@rschulz.eu)
Change-Id: I937dc0bdff4b6663fb89998eb750d3759620486e5
Gerrit URL: https://gerrit.gromacs.org/5080

#2 - 09/25/2015 02:34 PM - Gerrit Code Review Bot
Gerrit received a related patchset '2' for Issue #1831.
Uploader: Sziárd Páll (pall.szilard@gmail.com)
Change-Id: I3e21fc3e326030d738b35ce7f874818569c525f0
Gerrit URL: https://gerrit.gromacs.org/5120
#3 - 10/01/2015 08:15 PM - Berk Hess

- Status changed from New to Resolved

Applied in changeset [655d252f8221f2a7253db303c78af6a91d94ed13](mailto:655d252f8221f2a7253db303c78af6a91d94ed13).