### GROMACS - Task #2992

**Split hw_opt in const user options and dynamic settings**

06/24/2019 12:40 PM - Berk Hess

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>core library</td>
</tr>
<tr>
<td>Category:</td>
<td>core library</td>
</tr>
<tr>
<td>Target version:</td>
<td>future</td>
</tr>
<tr>
<td>Difficulty:</td>
<td>uncategorized</td>
</tr>
</tbody>
</table>

**Description**

The hardware options struct hw_opt should be split/duplicated into two structs: one with user (command-line) options, which should be const in mdrun and one with thread counts and an affinity boolean that is based on the user options and detected hardware environment.

**Related issues:**

- Related to GROMACS - Bug #2989: (thread-) MPI setup hanging on bs_jetson_tk1

**History**

#### #1 - 06/24/2019 12:42 PM - Berk Hess

- Related to Bug #2989: (thread-) MPI setup hanging on bs_jetson_tk1 added

#### #2 - 09/09/2019 05:57 PM - Szilárd Páll

Is this task complete?

#### #3 - 09/24/2019 03:23 PM - Paul Bauer

- Target version changed from 2020-beta1 to 2020

  no idea, there are no commits linked to this and no further information
  bumped for now

#### #4 - 12/27/2019 04:31 PM - Paul Bauer

- Target version changed from 2020 to future