**GROMACS - Task #3416**

Task # 3272 (New): Port complete CI testing to Gitlab

**Port post-submit matrix to Gitlab CI**

03/09/2020 02:21 PM - Paul Bauer

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
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<tbody>
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<td>Priority:</td>
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<tr>
<td>Assignee:</td>
<td>Joe Jordan</td>
</tr>
<tr>
<td>Category:</td>
<td>testing</td>
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<td>Target version:</td>
<td>2021-refactoring</td>
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<td>Difficulty:</td>
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**Description**

Similar to the pre-submit matrix, we also need to port the build and test configurations from the post submit matrix running on Jenkins to our Gitlab testing. Those tests should only run when trying to merge into one of the protected branches, and should be configurable to test different kinds of behaviour from the regression tests.

**History**

**#1 - 03/16/2020 05:38 PM - Paul Bauer**

- Parent task set to #3272

**#2 - 03/16/2020 05:50 PM - Paul Bauer**

The following configurations need to be available for building GROMACS (testing can be done in more configs):

- cmake-3.13.0 + gcc-9
- cmake-3.13.0 + gcc-7 + Cuda 10.0
- cmake-3.13.0 + clang-8 + Cuda 10.1
- cmake-3.13.0 + clang-8
- cmake-3.13.0 + gcc-7 + Nvidia OpenCL

Those builds don't cover special build hosts yet