### Gromacs - Bug #1412

**GMX_BUILD_OWN_FFTW -- breaks without Fortran compiler?**

12/28/2013 10:24 PM - Peter Kasson

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Mark Abraham</td>
</tr>
<tr>
<td>Category:</td>
<td>build system</td>
</tr>
<tr>
<td>Target version:</td>
<td>4.6.6</td>
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<tr>
<td>Affected version - extra info:</td>
<td>4.6-4.6.5</td>
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#### Description

I encountered an issue in building Gromacs/Native Client where the GMX_BUILD_OWN_FFTW would fail because it was missing a functional fortran compiler. I've worked around this by introducing an option to skip fortran compilation in the FFTW build. Roland asked if this was a general situation and, if so, whether we should set the disable-fortran option as a default. Comments? (BTW this was in release-4-6, but I think it should apply to master as well)

Thanks!

#### Associated revisions

Revision ed04865c - 12/29/2013 02:52 AM - Christoph Junghans

cmake: make GMX_BUILD_OWN_FFTW work without fortran compiler

Fixes #1412

Change-Id: i4739c112630ad7e264ce314d2da0b29932ea3041

#### History

**#1 - 12/29/2013 02:49 AM - Christoph Junghans**

Yes, we should set "--disable-fortran" by default! The fortran support in our internal fftw is anyway unrelated to the long gone fortran support in gromacs.

**#2 - 12/29/2013 02:53 AM - Gerrit Code Review Bot**

Gerrit received a related patchset '1' for Issue #1412.

Uploader: Christoph Junghans (junghans@votca.org)

Change-Id: i4739c112630ad7e264ce314d2da0b29932ea3041

Gerrit URL: https://gerrit.gromacs.org/2939

**#3 - 12/30/2013 06:11 PM - Teemu Murtola**

- Status changed from New to Resolved
- Target version set to 4.6.6
- Affected version - extra info set to 4.6-4.6.5
- Affected version changed from 4.6.x to 4.6.5

Was fixed by the linked Gerrit change. Auto-updating the issues in Redmine doesn't seem to work.

**#4 - 12/30/2013 08:08 PM - Christoph Junghans**
We need to merge 4.6 into master and update <https://gerrit.gromacs.org/#/c/2919/>, too.

#5 - 01/07/2014 02:31 PM - Christoph Junghans
- % Done changed from 0 to 100

Applied in changeset ed04865c0994b5be50bf09c8364966a1f1db9af28.

#6 - 01/07/2014 09:50 PM - Rossen Apostolov
Teemu Murtola wrote:

> Was fixed by the linked Gerrit change. Auto-updating the issues in Redmine doesn't seem to work.

If you mean auto-updating by the gerrit hook, I've disabled that because it may lead to undesired behaviour.

#7 - 01/07/2014 09:51 PM - Rossen Apostolov
- Status changed from Resolved to Closed