

GROMACS - Bug #1015

make install-mdrun broken on release-4.6

10/02/2012 12:15 PM - Alexey Shvetsov

Status: Closed	
Priority: Normal	
Assignee: Rossen Apostolov	
Category: build system	
Target version: 4.6	
Affected version - extra info:	Difficulty: uncategorized
Affected version: N/A	
Description	
Make install mdrun broken on release-4.6 target	
<pre>alexxy@x201 ~/Src/gromacs_build \$ LANG=C make install-mdrun [0%] Generating version information [0%] Built target gmx_version [80%] Built target gmx [91%] Built target md [95%] Built target gmxpreprocess [98%] Built target mdrun [100%] Installing mdrun -- Install configuration: "Release" -- Install component: "libraries" -- Up-to-date: /tmp/gromacs/lib/libgmx.so.6 -- Up-to-date: /tmp/gromacs/lib/libgmx.so -- Up-to-date: /tmp/gromacs/lib/libmd.so.6 -- Up-to-date: /tmp/gromacs/lib/libmd.so -- Up-to-date: /tmp/gromacs/lib/libgmxpreprocess.so.6 -- Up-to-date: /tmp/gromacs/lib/libgmxpreprocess.so CMake Error at /home/alexxy/Src/gromacs_build/src/tools/cmake_install.cmake:3523 (FILE): file INSTALL cannot find "/home/alexxy/Src/gromacs_build/src/tools/libgmxana.so.6". Call Stack (most recent call first): /home/alexxy/Src/gromacs_build/src/cmake_install.cmake:52 (INCLUDE) /home/alexxy/Src/gromacs_build/cmake_install.cmake:39 (INCLUDE) make[3]: *** [src/kernel/CMakeFiles/install-mdrun] Error 1 make[2]: *** [src/kernel/CMakeFiles/install-mdrun.dir/all] Error 2 make[1]: *** [src/kernel/CMakeFiles/install-mdrun.dir/rule] Error 2 make: *** [install-mdrun] Error 2</pre>	

Associated revisions

Revision b64eea39 - 10/13/2012 02:00 AM - Mark Abraham

Fixed install-xxx functionality broken in 9628e27d

Only the CPack component definitions needed fixing, inasmuch as they are what is used for the "make install-xxx" functionality. I separated "libraries" component into "libraries", "libraries-gmxpreprocess" and "libraries-gmxana" for, respectively, the core gmx/md/etc. libraries, and those particular to src/kernel programs and src/tools programs. Now "make install-xxx" correctly compiles, links and installs only the required dependencies, and the wrong dependencies introduced in the above commit are removed.

Fixes #1015

Change-Id: I3e848e69d126305943370d1f294e44d5389e1934

History

#1 - 10/04/2012 11:00 PM - Mark Abraham

These issues got created when <https://gerrit.gromacs.org/#/c/1296/> got merged too soon. I'll be able to contribute to their solution next week.

#2 - 11/11/2012 06:08 AM - Roland Schulz

- Status changed from New to Closed

#3 - 05/15/2014 02:11 PM - Suman Chakrabarty

I am still encountering the same issue in version 4.6.5. "make install-mdrun" produces the following error:

```
[ 64%] Built target gmx
[ 91%] Built target md
[ 97%] Built target gmxpreprocess
[ 98%] Built target mdrun
Scanning dependencies of target install-mdrun
[100%] Installing mdrun
-- Install configuration: "Release"
-- Install component: "libraries"
CMake Error at /home/suman/sources/gromacs-4.6.5/build/src/gmxlib/cmake_install.cmake:44 (FILE):
  file INSTALL cannot find
  "/home/suman/sources/gromacs-4.6.5/build/src/gmxlib/CMakeFiles/CMakeRelink.dir/libgmx.so.8".
Call Stack (most recent call first):
  /home/suman/sources/gromacs-4.6.5/build/src/cmake_install.cmake:49 (INCLUDE)
  /home/suman/sources/gromacs-4.6.5/build/cmake_install.cmake:51 (INCLUDE)

make[3]: *** [src/kernel/CMakeFiles/install-mdrun] Error 1
make[2]: *** [src/kernel/CMakeFiles/install-mdrun.dir/all] Error 2
make[1]: *** [src/kernel/CMakeFiles/install-mdrun.dir/rule] Error 2
make: *** [install-mdrun] Error 2
```

#4 - 05/15/2014 04:20 PM - Mark Abraham

- Description updated

- Affected version set to N/A

#5 - 05/15/2014 04:49 PM - Mark Abraham

Worked fine for me on release-4-6 branch with cmake 2.8.12.2. libgmx is correctly added to the libraries CPack component already in src/gmxlib/CMakeLists.txt, so I don't think there is a problem for GROMACS to solve. I suspect your behaviour might be specific to a CMake version, or perhaps re-configuration of your build directory. If you can reproduce that with a fresh build directory, then perhaps there's an issue to fix.