

GROMACS - Bug #605

the CMake generated install-mdrun rule does not depend on the mdrun target

10/29/2010 05:12 PM - Szilárd Páll

Status: Closed	
Priority: Normal	
Assignee: Szilárd Páll	
Category: mdrun	
Target version: 4.5.1	
Affected version - extra info:	Difficulty: uncategorized
Affected version:	

Description

The CMake generated install-mdrun rules does not have a dependency on the mdrun[-gpu] binary itself. Therefore one has to do make mdrun first and can only install afterward. Moreover, one runs the risk of installing an outdated binary when the source gets updated.

Reproduce with:

```
$ cd GMX_CLEAN_BUILD_DIR
```

```
$ cmake GMX_SOURCE_DIR
```

```
[..]
```

```
$ $ make install-mdrun
```

```
Scanning dependencies of target install-mdrun
```

```
Installing mdrun
```

```
-- Install configuration: "Release"
```

```
-- Install component: "mdrun"
```

```
CMake Error at cmake_install.cmake:40 (FILE):
```

```
file INSTALL cannot find
```

```
"/mnt/data/projects/gmx/release-4.5/build_cpu/src/kernel/mdrun".
```

```
Call Stack (most recent call first):
```

```
/mnt/data/projects/gmx/release-4.5/build_cpu/src/cmake_install.cmake:39 (INCLUDE)
```

```
/mnt/data/projects/gmx/release-4.5/build_cpu/cmake_install.cmake:40 (INCLUDE)
```

```
make3: * [src/kernel/CMakeFiles/install-mdrun] Error 1
```

```
make2: [src/kernel/CMakeFiles/install-mdrun.dir/all] Error 2
```

```
make1: [src/kernel/CMakeFiles/install-mdrun.dir/rule] Error 2
```

```
make: * [install-mdrun] Error 2
```

Associated revisions

Revision 1eaa8574 - 10/29/2010 06:07 PM - Szilárd Páll

fixed make install-mdrun issue (bug #605)

History

#1 - 10/29/2010 06:37 PM - Szilárd Páll

Fixed in commit 1eaa8574.