

GROMACS - Task #2729

gmxapi tests should not depend on command line tools

11/02/2018 04:01 PM - Eric Irrgang

Status:	Closed	
Priority:	Normal	
Assignee:	Eric Irrgang	
Category:	gmxapi	
Target version:		
Difficulty:	uncategorized	
Description		
gmxapi tests use grompp to prepare test simulation input since equivalent functionality is not available in the public API in GROMACS 2019.		
This means that the gmxapi tests cannot be configured when cross-compiling (see #2669), so a fatal error is issued when both GMXAPI and BUILD_TESTING are ON if the CMAKE_CROSSCOMPILING variable is set (such as due to explicitly setting CMAKE_SYSTEM_NAME).		
This issue could be resolved using existing testing framework utilities, as in https://gerrit.gromacs.org/c/8483/ , or by migrating to API features for simulation preparation, as they become available.		
In either case, when gmxapi tests no longer rely on grompp, the fatal error issued by CMake should be removed.		
Related issues:		
Related to GROMACS - Bug #2669: GMXAPI can not be build when crosscompiling		Closed

History

#1 - 11/02/2018 04:02 PM - Eric Irrgang

- Related to Bug #2669: GMXAPI can not be build when crosscompiling added

#2 - 11/02/2018 04:05 PM - Gerrit Code Review Bot

Gerrit received a related patchset '1' for Issue [#2729](#).

Uploader: M. Eric Irrgang (ericirrgang@gmail.com)

Change-Id: gromacs~release-2019~l390d1128731f574d90489fd77b0c255dfec7f80d

Gerrit URL: <https://gerrit.gromacs.org/8644>

#3 - 11/19/2018 01:31 PM - Eric Irrgang

- Status changed from New to Resolved

Resolved in Change-Id: lc8a0c1c5eed2189abb9006cb45097d1acd41d175

#4 - 12/18/2018 04:11 PM - Paul Bauer

- Status changed from Resolved to Closed