

GROMACS - Bug #3166

Compilation failing on Ubuntu 19.04 with Cuda 10.1

10/19/2019 09:13 PM - Kevin Boyd

Status: New	
Priority: Normal	
Assignee:	
Category: build system	
Target version:	
Affected version - extra info:	Difficulty: uncategorized
Affected version: git master	
Description	
Fails with several versions of gcc and clang.	
[30%] Building NVCC (Device) object src/gromacs/CMakeFiles/libgromacs.dir/ewald/libgromacs_generated_pme_gpu_timings.cpp.o	
In file included from <built-in>:1:	
In file included from /usr/include/cuda_runtime.h:115:	
In file included from /usr/include/crt/common_functions.h:267:	
In file included from /usr/include/crt/math_functions.h:8863:	
/usr/lib/gcc/x86_64-linux-gnu/9/../../../../include/c++/9/cmath:45:15: fatal error: 'math.h' file not found	
#include_next <math.h>	
I'm not sure if this is a Gromacs problem - doesn't look like 19.04 has a listed set of supported nvcc/c++ compiler combinations, but it compiles fine with Gromacs 2019.3	