Determining if the pthread\_create exist failed with the following output:

Change Dir: /home/adi/Downloads/GazeboSimulation/build/CMakeFiles/CMakeTmp

Run Build Command:"/usr/bin/make" "cmTC\_aeb5f/fast"

/usr/bin/make -f CMakeFiles/cmTC\_aeb5f.dir/build.make CMakeFiles/cmTC\_aeb5f.dir/build

make[1]: Entering directory '/home/adi/Downloads/GazeboSimulation/build/CMakeFiles/CMakeTmp'

Building C object CMakeFiles/cmTC\_aeb5f.dir/CheckSymbolExists.c.o

/usr/bin/cc -o CMakeFiles/cmTC\_aeb5f.dir/CheckSymbolExists.c.o -c /home/adi/Downloads/GazeboSimulation/build/CMakeFiles/CMakeTmp/CheckSymbolExists.c

Linking C executable cmTC\_aeb5f

/usr/bin/cmake -E cmake\_link\_script CMakeFiles/cmTC\_aeb5f.dir/link.txt --verbose=1

/usr/bin/cc -rdynamic CMakeFiles/cmTC\_aeb5f.dir/CheckSymbolExists.c.o -o cmTC\_aeb5f

CMakeFiles/cmTC\_aeb5f.dir/CheckSymbolExists.c.o: In function `main':

CheckSymbolExists.c:(.text+0x1b): undefined reference to `pthread\_create'

collect2: error: ld returned 1 exit status

CMakeFiles/cmTC\_aeb5f.dir/build.make:97: recipe for target 'cmTC\_aeb5f' failed

make[1]: \*\*\* [cmTC\_aeb5f] Error 1

make[1]: Leaving directory '/home/adi/Downloads/GazeboSimulation/build/CMakeFiles/CMakeTmp'

Makefile:126: recipe for target 'cmTC\_aeb5f/fast' failed

make: \*\*\* [cmTC\_aeb5f/fast] Error 2

File /home/adi/Downloads/GazeboSimulation/build/CMakeFiles/CMakeTmp/CheckSymbolExists.c:

/\* \*/

#include <pthread.h>

int main(int argc, char\*\* argv)

{

(void)argv;

#ifndef pthread\_create

return ((int\*)(&pthread\_create))[argc];

#else

(void)argc;

return 0;

#endif

}

Determining if the function pthread\_create exists in the pthreads failed with the following output:

Change Dir: /home/adi/Downloads/GazeboSimulation/build/CMakeFiles/CMakeTmp

Run Build Command:"/usr/bin/make" "cmTC\_b0502/fast"

/usr/bin/make -f CMakeFiles/cmTC\_b0502.dir/build.make CMakeFiles/cmTC\_b0502.dir/build

make[1]: Entering directory '/home/adi/Downloads/GazeboSimulation/build/CMakeFiles/CMakeTmp'

Building C object CMakeFiles/cmTC\_b0502.dir/CheckFunctionExists.c.o

/usr/bin/cc -DCHECK\_FUNCTION\_EXISTS=pthread\_create -o CMakeFiles/cmTC\_b0502.dir/CheckFunctionExists.c.o -c /usr/share/cmake-3.10/Modules/CheckFunctionExists.c

Linking C executable cmTC\_b0502

/usr/bin/cmake -E cmake\_link\_script CMakeFiles/cmTC\_b0502.dir/link.txt --verbose=1

/usr/bin/cc -DCHECK\_FUNCTION\_EXISTS=pthread\_create -rdynamic CMakeFiles/cmTC\_b0502.dir/CheckFunctionExists.c.o -o cmTC\_b0502 -lpthreads

/usr/bin/ld: cannot find -lpthreads

collect2: error: ld returned 1 exit status

CMakeFiles/cmTC\_b0502.dir/build.make:97: recipe for target 'cmTC\_b0502' failed

make[1]: \*\*\* [cmTC\_b0502] Error 1

make[1]: Leaving directory '/home/adi/Downloads/GazeboSimulation/build/CMakeFiles/CMakeTmp'

Makefile:126: recipe for target 'cmTC\_b0502/fast' failed

make: \*\*\* [cmTC\_b0502/fast] Error 2