Performing C SOURCE FILE Test CMAKE\_HAVE\_LIBC\_PTHREAD failed with the following output:

Change Dir: /home/antonio/catkin\_space/src/xolobot\_arm\_server/src/build/CMakeFiles/CMakeTmp

Run Build Command(s):/usr/bin/make cmTC\_5da1c/fast && /usr/bin/make -f CMakeFiles/cmTC\_5da1c.dir/build.make CMakeFiles/cmTC\_5da1c.dir/build

make[1]: Entering directory '/home/antonio/catkin\_space/src/xolobot\_arm\_server/src/build/CMakeFiles/CMakeTmp'

Building C object CMakeFiles/cmTC\_5da1c.dir/src.c.o

/bin/x86\_64-linux-gnu-gcc-9 -DCMAKE\_HAVE\_LIBC\_PTHREAD -o CMakeFiles/cmTC\_5da1c.dir/src.c.o -c /home/antonio/catkin\_space/src/xolobot\_arm\_server/src/build/CMakeFiles/CMakeTmp/src.c

Linking C executable cmTC\_5da1c

/usr/bin/cmake -E cmake\_link\_script CMakeFiles/cmTC\_5da1c.dir/link.txt --verbose=1

/bin/x86\_64-linux-gnu-gcc-9 -DCMAKE\_HAVE\_LIBC\_PTHREAD -rdynamic CMakeFiles/cmTC\_5da1c.dir/src.c.o -o cmTC\_5da1c

/usr/bin/ld: CMakeFiles/cmTC\_5da1c.dir/src.c.o: in function `main':

src.c:(.text+0x46): undefined reference to `pthread\_create'

/usr/bin/ld: src.c:(.text+0x52): undefined reference to `pthread\_detach'

/usr/bin/ld: src.c:(.text+0x63): undefined reference to `pthread\_join'

collect2: error: ld returned 1 exit status

make[1]: \*\*\* [CMakeFiles/cmTC\_5da1c.dir/build.make:87: cmTC\_5da1c] Error 1

make[1]: Leaving directory '/home/antonio/catkin\_space/src/xolobot\_arm\_server/src/build/CMakeFiles/CMakeTmp'

make: \*\*\* [Makefile:121: cmTC\_5da1c/fast] Error 2

Source file was:

#include <pthread.h>

void\* test\_func(void\* data)

{

return data;

}

int main(void)

{

pthread\_t thread;

pthread\_create(&thread, NULL, test\_func, NULL);

pthread\_detach(thread);

pthread\_join(thread, NULL);

pthread\_atfork(NULL, NULL, NULL);

pthread\_exit(NULL);

return 0;

}

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

Change Dir: /home/antonio/catkin\_space/src/xolobot\_arm\_server/src/build/CMakeFiles/CMakeTmp

Run Build Command(s):/usr/bin/make cmTC\_0a030/fast && /usr/bin/make -f CMakeFiles/cmTC\_0a030.dir/build.make CMakeFiles/cmTC\_0a030.dir/build

make[1]: Entering directory '/home/antonio/catkin\_space/src/xolobot\_arm\_server/src/build/CMakeFiles/CMakeTmp'

Building C object CMakeFiles/cmTC\_0a030.dir/CheckFunctionExists.c.o

/bin/x86\_64-linux-gnu-gcc-9 -DCHECK\_FUNCTION\_EXISTS=pthread\_create -o CMakeFiles/cmTC\_0a030.dir/CheckFunctionExists.c.o -c /usr/share/cmake-3.16/Modules/CheckFunctionExists.c

Linking C executable cmTC\_0a030

/usr/bin/cmake -E cmake\_link\_script CMakeFiles/cmTC\_0a030.dir/link.txt --verbose=1

/bin/x86\_64-linux-gnu-gcc-9 -DCHECK\_FUNCTION\_EXISTS=pthread\_create -rdynamic CMakeFiles/cmTC\_0a030.dir/CheckFunctionExists.c.o -o cmTC\_0a030 -lpthreads

/usr/bin/ld: cannot find -lpthreads

collect2: error: ld returned 1 exit status

make[1]: \*\*\* [CMakeFiles/cmTC\_0a030.dir/build.make:87: cmTC\_0a030] Error 1

make[1]: Leaving directory '/home/antonio/catkin\_space/src/xolobot\_arm\_server/src/build/CMakeFiles/CMakeTmp'

make: \*\*\* [Makefile:121: cmTC\_0a030/fast] Error 2