

Download this code ,compile && make ,and install this project into ubuntu library

## Install

Get the code:

```
# open a new terminal
cd serial
mkdir build
```

Build:

```
cd build
cmake ..
make
```

Install:

```
sudo make install
```

**like this:**

```

lee@zhaoxiangli-LC2:~$ cd serial/
lee@zhaoxiangli-LC2:~/serial$ mkdir build
lee@zhaoxiangli-LC2:~/serial$ cd build/
lee@zhaoxiangli-LC2:~/serial/build$ cmake ..
-- The C compiler identification is GNU 9.4.0
-- The CXX compiler identification is GNU 9.4.0
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc -- works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /usr/bin/c++
-- Check for working CXX compiler: /usr/bin/c++ -- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Found ament_cmake: 0.9.9 (/opt/ros/foxy/share/ament_cmake/cmake)
-- Found PythonInterp: /usr/bin/python3 (found suitable version "3.8.10", minimum requ
ired is "3")
-- Using PYTHON_EXECUTABLE: /usr/bin/python3
-- Configuring done
-- Generating done
-- Build files have been written to: /home/lee/serial/build
lee@zhaoxiangli-LC2:~/serial/build$ make -j
Scanning dependencies of target serial
[ 25%] Building CXX object CMakeFiles/serial.dir/src/impl/unix.cc.o
[ 50%] Building CXX object CMakeFiles/serial.dir/src/serial.cc.o
[ 75%] Building CXX object CMakeFiles/serial.dir/src/impl/list_ports/list_ports_linux.
cc.o
[100%] Linking CXX static library libserial.a
[100%] Built target serial
lee@zhaoxiangli-LC2:~/serial/build$ sudo make install

```

也可以不用 make install ,直接和你想要调用本API的ROS2 节点放在同一个 src 下编译即可。有  
关于本串口操作包的 API 在线文档如下：

[serial: Serial Library](#)

本共 ROS Package 修改来自：

## License

The MIT License

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