1. Navigate to where you want to put your package
   1. cd path/you/want/to/follow
   2. Your default should be in root, so from there you can do either:
      1. cd Desktop #To get to the Desktop
      2. cd Documents #To get to your Documents folder
2. Make the initial directory
   1. Mkdir -p ./Folder\_Name/src
   2. cd Folder\_Name/src #To go to src folder in the new folder
3. Make a python program
   1. touch Python\_Program.py #We’ll come back to this
4. Clone the iRobot messages interface GitHub (1 command)
   1. git clone -b humble https://github.com/iRobotEducation/irobot\_create\_msgs.git
5. Copy KeyCommander.py from Create3 Docs folder I sent
   1. This is probably easiest to just use the File Explorer GUI, navigating to your created folder/src and drag and drop it in there.
6. Go back to parent folder
   1. cd ..
7. Run colcon to build the package
   1. colcon build
   2. This will take a bit
8. Once this is done, close this terminal and open a new one.
   1. You have to do this every time you run colcon build . This should only need to be done once.

Congrats! You have created your ROS package.

* You can use the File Explorer to navigate back to your created folder/src and edit your python program with the editor of your choosing.
* To run, open a terminal:
  + cd path/to/folder/Folder\_Name/src
    - cd Desktop/Folder\_Name/src #If it’s on the Desktop for example
  + python3 Python\_Program.py