

EECS 476: PS3

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1 `path_service`

Didn't really have to do much here. First converted the example code to Python because reasons. Then updated the callback so that it properly compares the robot's current orientation and requested orientation, and then does a spin to orient itself to the request. Finally updated the callback so that it moves the proper distance as instructed to by the request.

2 `path_client`

This was the meatier part of the assignment, but was still pretty trivial. Basically just trialled and errored a bunch of different pose requests until I found a sequence of poses that would navigate the robot to the upper left-hand corner of the maze. Also converted the example code to Python. Figuring out the syntactic differences of services between C++ and Python was somewhat tricky, but in the end Python is definitely easier, even though the dynamic typing can make things pretty hard to figure out at some points.