

# CCNav



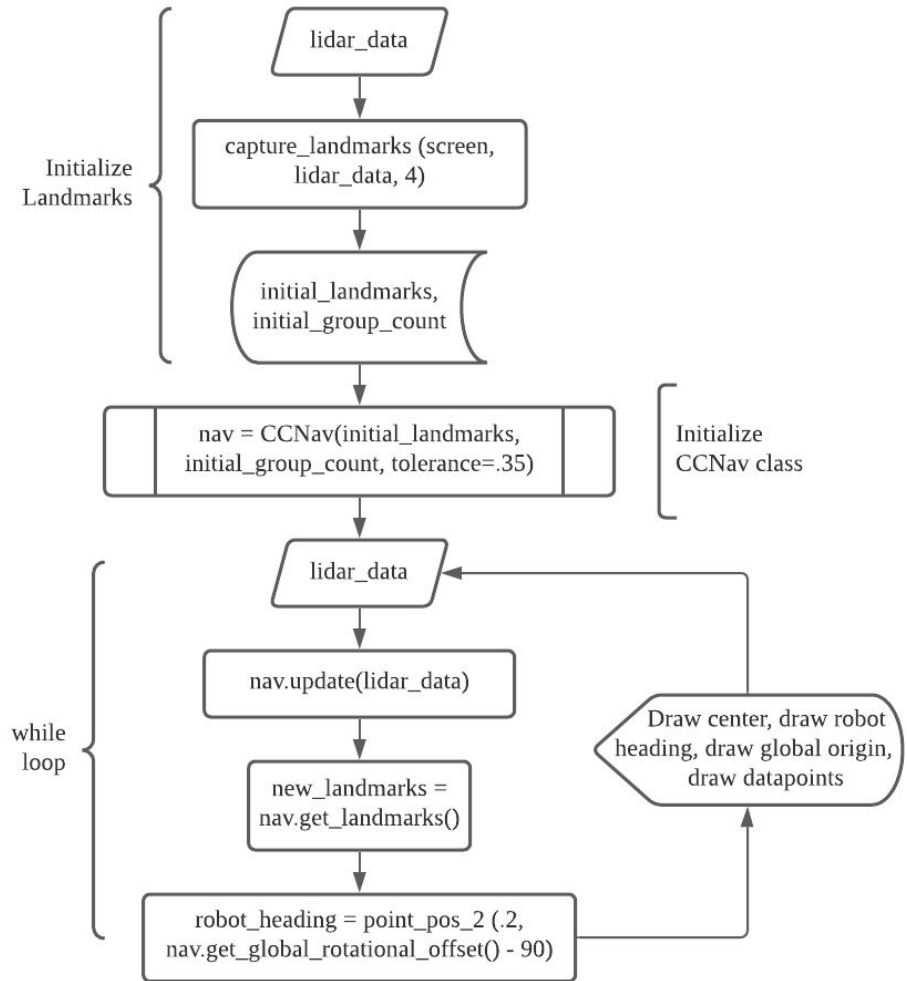
A navigation method based on multiple preset landmarks

# Real-life Setup

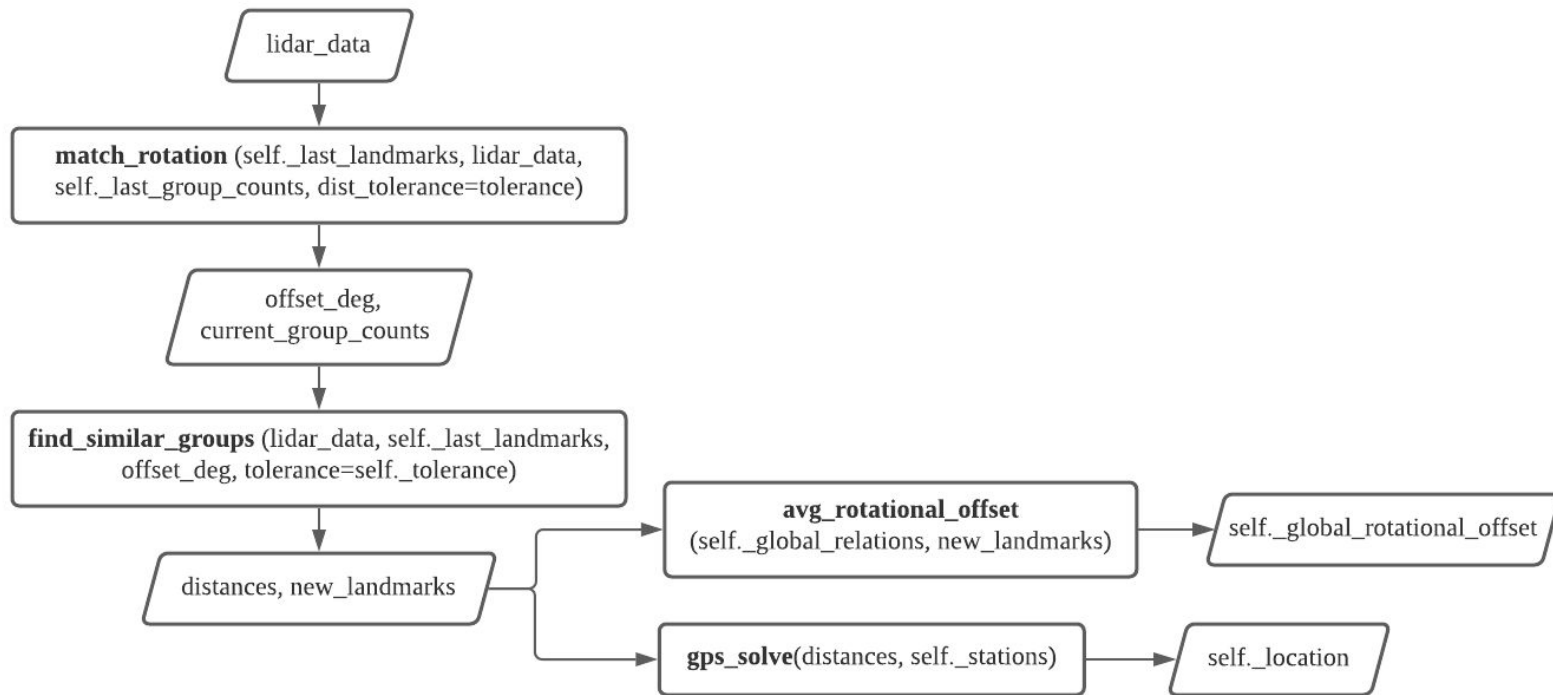


Four landmarks are placed to form a rectangle around the robot. The landmarks should be non-transparent, and thin enough.

# Flowchart for the navigation process



# Structure of CCNav.update( )



# Why CCNav?

- **User-friendly:** doesn't need to run on a Linux computer
- **Efficient:** doesn't require high computing power
- **Accurate:** no accumulative error, lidar data provides more accuracy than Odom
- **Flexibility with the environment:** can work in places without any feature points