

The repository Quadrotor-Landing contains 5 packages with the following descriptions.

1. ardrone_test : The main file is "waypoint_nav.cpp" in the src folder, which contains most of the code used for our analysis. It contains the C++ codes for the guidance and control of Parrot AR Drone, which is performing autonomous landing.
2. beginner_tutorials: The src folder contains the C++ files, which has some basic examples
3. estimator: src folder contains the C++ files for estimating the quadrotor states using its inbuilt sensor information
4. kinect_guidance and video_test: Contains the files and codes for interfacing Microsoft Kinect sensor. It contains image processing algorithm to detect the colour and depth of objects using Kinect.