

# Home Service Robot Note

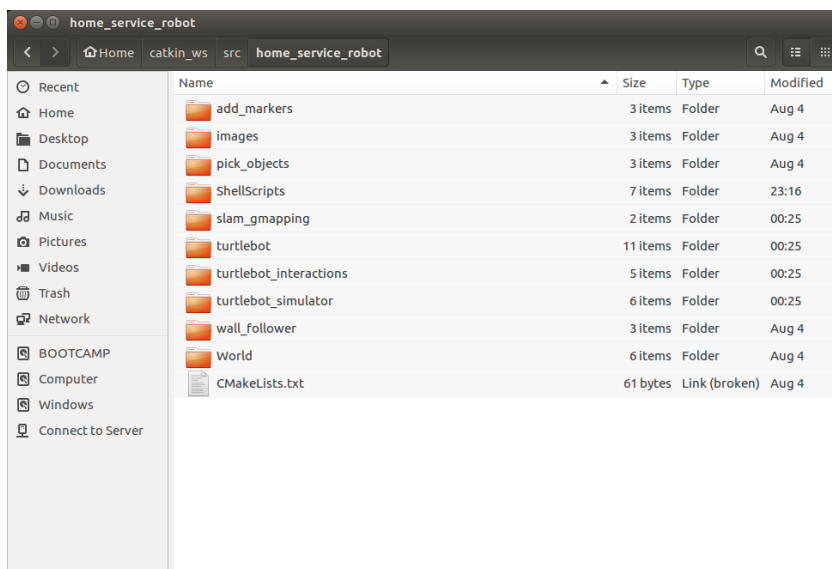
1. Create a working directory with Catkin environment

```
$mkdir -p catkin_ws/src  
$cd catkin_ws  
$catkin_make
```

2. Clone project from GitHub

```
$ cd src  
$ git clone https://github.com/TianHuaBooks/home\_service\_robot.git
```

Now “home\_service\_robot” has been created under ~catkin\_ws/src/home\_service\_robot.



3. Build the project

```
$cd ..  
$source devel/setup.bash  
$catkin_make
```

4. Run home\_service.sh

```
$cd src/home_service_robot/ShellScripts  
$bash home_service.sh
```

## Results

Fig.1 shows robot is at the picking up place. Fig.2 shows robot is heading over the drop place after picking up. Fig. 3 shows robot arrives at the drop place.

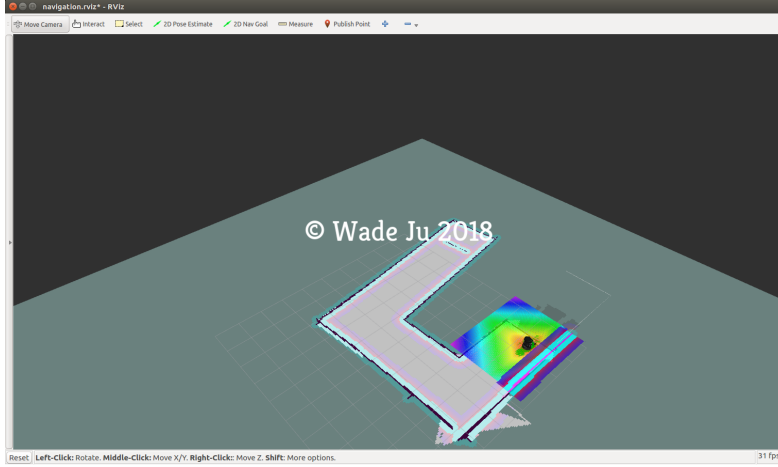


Fig. 1

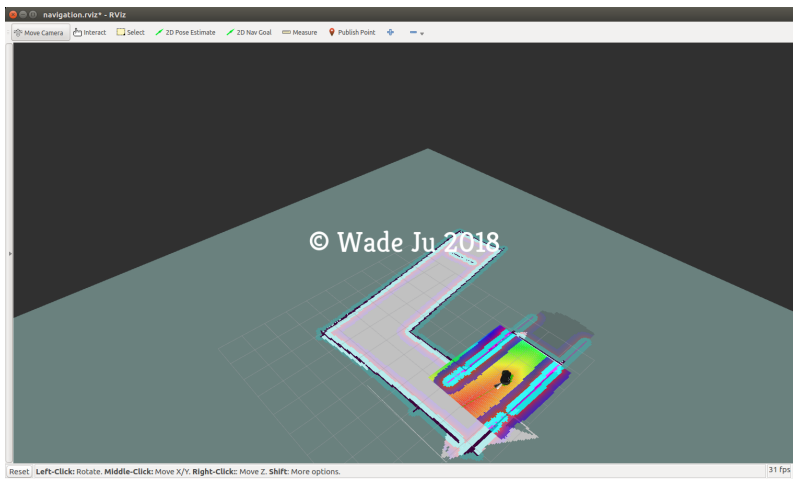


Fig. 2

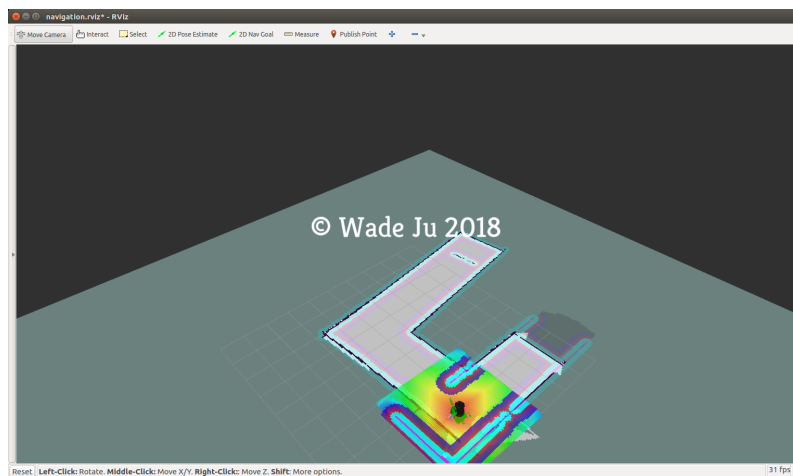


Fig. 3