

## Pack a Ball (Instructions):

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To run the project perform the following commands step by step.

1. Software Requirements:

- Ubuntu v16.04
- Gazebo v7.16.0
- ROS Kinetic Kame

2. Run:

```
$ cd packaball/catkin_ws  
$ catkin_make
```

The above command will build the required ROS packages for the project.

3. Open two terminals in the same directory i.e. `$ cd packaball/catkin_ws`

4. In the first terminal, run:

```
$ source devel/setup.bash  
$ roslaunch spherebot spherebot_spawn.launch
```

This will launch the Gazebo simulator with all the components loaded.

5. In the second terminal, run:

```
$ source devel/setup.bash  
$ roslaunch ball_chaser ball_chaser.launch
```

This will start the simulation in the Gazebo simulator.

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