

# roslaunch commands

go to project folder

```
roscd turtlesim
```

run as super user

```
sudo su
```

make dir for roslaunch, create a launch file and edit

```
mkdir launch
cd launch
gedit turtlemimic.launch
```

copy over the codes from [tutorial](#) delete line number

```
<launch>

  <group ns="turtlesim1">
    <node pkg="turtlesim" name="sim" type="turtlesim_node"/>
  </group>

  <group ns="turtlesim2">
    <node pkg="turtlesim" name="sim" type="turtlesim_node"/>
  </group>

  <node pkg="turtlesim" name="mimic" type="mimic">
    <remap from="input" to="turtlesim1/turtle1"/>
    <remap from="output" to="turtlesim2/turtle1"/>
  </node>

</launch>
```

exit super user and roslaunch, **two windows should appear on the screen with turtles spawned**

```
roslaunch turtlesim turtlemimic.launch
```

open new linux command window and give movement commands

```
rostopic pub /turtlesim1/turtle1/cmd_vel geometry_msgs/Twist -r 1 -- '[2.0, 0.0, 0.0]' '[0.0, 0.0, -1.8]'
```

should be able to see turtles start moving in circles.

roslaunch tutorial done.