Robotics Competition 2021-22

eYRC 2021-22: Agri Bot (AB)

Example #2: Launch Turtle in Forest

Aim

- To write a launch file to run `turtlesim_node` node and `turtle_teleop_key` node present in `turtlesim` package.
- While launching the `turtlesim_node` make sure to change the background colour of the simulator from blue to forest green.
- Name the launch file `turtlesim.launch` and save it in `launch` folder inside `pkg_ros_basics` package.

Code

`turtlesim.launch`

```xml
<launch>

    <node pkg="turtlesim" type="turtlesim_node" name="node_turtlesim_node">
        <param name="/turtlesim_node/background_r" value="34" />
        <param name="/turtlesim_node/background_g" value="139" />
        <param name="/turtlesim_node/background_b" value="34" />
        <param name="/background_r" value="34" />
        <param name="/background_g" value="139" />
        <param name="/background_b" value="34" />
    </node>

    <node pkg="turtlesim" type="turtle_teleop_key" name="node_turtle_teleop_key" />

</launch>
```

[Download]

Run Command

```
roslaunch pkg_ros_basics turtlesim.launch
```

- The code is self-explanatory.
- If you are not able to understand the code feel free to seek help from us.