TOPIC: Obstacle Avoidance Autonomous Mobile Robot -Simulation

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Simulation Screen shots:

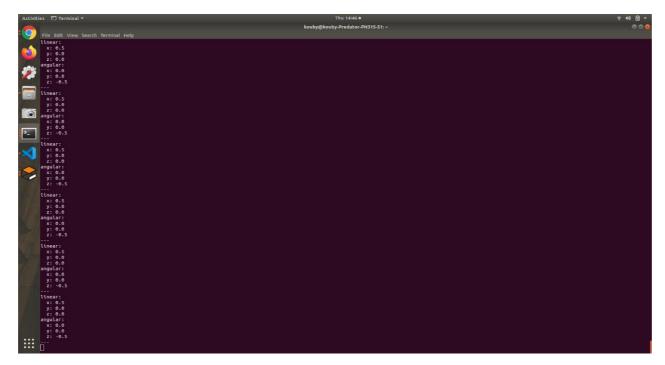


Fig 1: Shows the Various coordinates of the Robot

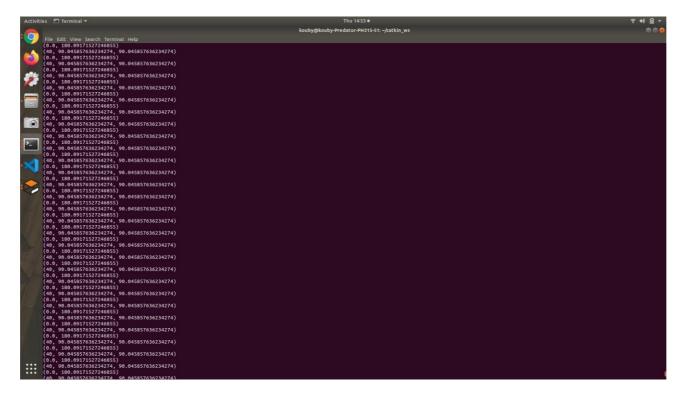


Fig 2: Robots linear and angular velocity

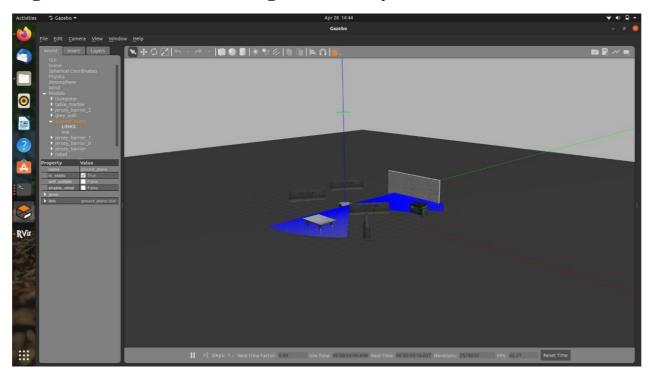


Fig 3: Gazebo Simulation

Result: Thus, we have modelled and simulated an obstacle avoidance mobile robot in Gazebo using ROS.