

Principles of Robot Autonomy I

Section 6: Continuing Section 5 and rosbags!



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Aims

- Continue any work you haven't accomplished from last section
 - Very useful to do this now way before the due date for the final project!
- Become familiar with rosbag and its commands
 - A very useful post-hoc debugging tool!

rosbags

- Say you're running your robot and something goes wrong
 - E.g. The velocity is always 5 cm/s slower than you expected
- How could you record data during running and analyze it later?
- `rosvbag`
- rosbags are so named because they are “bags” of ROS data
- This tool allows you to record live data coming in during operation for later playback

rqt_plot tool

- Ros GUI tool for visualizing time series topics in graphs

