robot\_on

robot\_vis ? <not needed for position finding>

<go to directory you want to save to>

rosbag record -a

* Get live robot position from RViz by reading out from the relevant bag: [here](https://www.reddit.com/r/ROS/comments/oreiz0/getting_the_current_position_of_the_robot/).
  + Rosbag information: [here](https://stackoverflow.com/questions/59794328/importing-rosbag-in-python-3)
  + Replaying rosbag information: [here](https://wiki.ros.org/rosbag/Tutorials/Recording%20and%20playing%20back%20data)
* Getting 2D maps: [here](https://answers.ros.org/question/217097/export-2d-map-from-rviz-andor-rtab-map/)
* Live stuff: [here](https://stackoverflow.com/questions/26656943/how-to-get-data-in-python-from-ros-in-real-time) and [here](https://www.linkedin.com/advice/3/how-do-you-check-your-ros-messages-skills-ros)

To get live data from /tf:

rostopic echo /tf/transforms/transform/translation >> positions.txt

/tf is located using ‘ropack find tf’