Using ROS Bag

ROS bag is a nice tool for recording any data that you need to be able to play back at a later time.

**Recording**

The normal usage is:

```bash
rosbag record <TOPIC1> ... <TOPIC(N)>
```

If you want to output to a file with a timestamp and specific prefix:

```bash
rosbag record -o <PREFIX> <TOPIC1> ... <TOPIC(N)>
```

In general we use this format for recording bag files:

```bash
rosbag record -a -o <PREFIX>
```

**Playback**

The normal usage is:

```bash
rosbag play <BAG_FILE1> ... <BAG_FILE(N)>
```

To play back a specific topic from the bag file:

```bash
rosbag play --topics <TOPIC1> ... <TOPIC(N)> <BAG_FILE1> ... <BAG_FILE(N)>
```

**Info**

To see information about a bag file, rosbag info can help.

```bash
rosbag info <BAG_FILE1> ... <BAG_FILE(N)>
```