

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:

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

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

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

In general we use this format for recording bag files:

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

Playback

The normal usage is:

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

To play back a specific topic from the bag file:

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

Info

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

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

From:

<http://robosub-vm.eecs.wsu.edu/wiki/> - **Palouse RoboSub Technical Documentation**

Permanent link:

<http://robosub-vm.eecs.wsu.edu/wiki/cs/ros/rosbag/start>



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