eyantra

Robotics Competition 2021-22
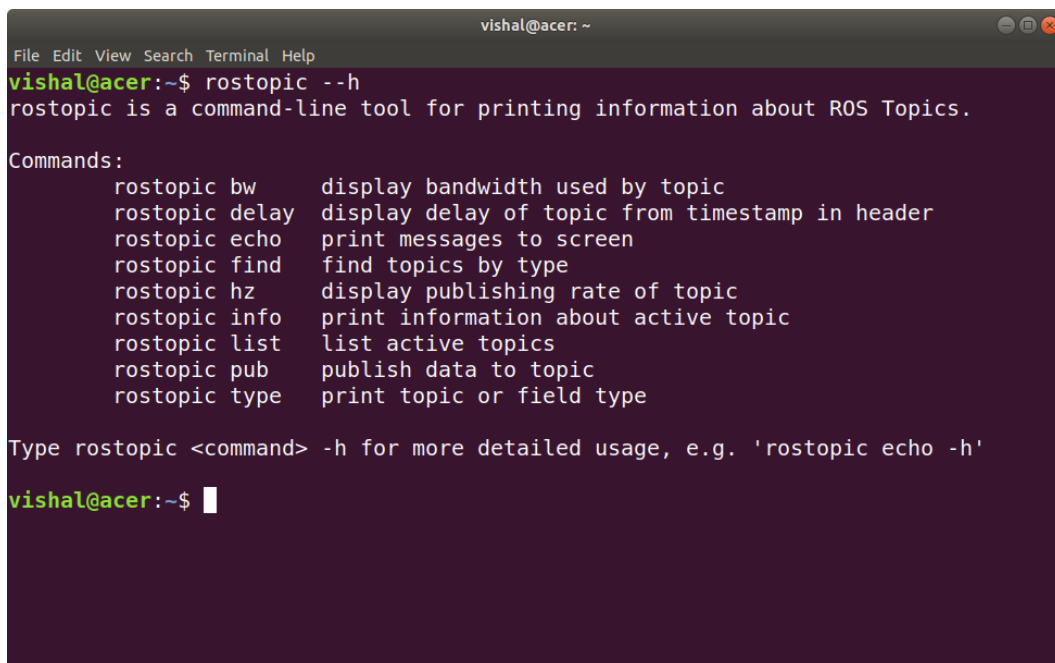
≡   ✎   🔍

eYRC 2021-22: Agri Bot (AB)

Command: rostopic

`rostopic` contains the rostopic command-line tool for displaying debug information about ROS Topics, including publishers, subscribers, publishing rate, and ROS Messages."_

Reference: http://wiki.ros.org/rostopic

Note: For quick information about any command, be that outside of ROS, simply type the command along with suffix `--h` or `-help` . This is a widely used concept among other Linux commands for quick referencing. Here's an example for `rostopic --h` command

<

```
                                    vishal@acer: ~
File  Edit  View  Search  Terminal  Help
vishal@acer:~$ rostopic --h
rostopic is a command-line tool for printing information about ROS Topics.

Commands:
        rostopic bw      display bandwidth used by topic
        rostopic delay   display delay of topic from timestamp in header
        rostopic echo    print messages to screen
        rostopic find    find topics by type
        rostopic hz      display publishing rate of topic
        rostopic info    print information about active topic
        rostopic list    list active topics
        rostopic pub     publish data to topic
        rostopic type    print topic or field type

Type rostopic <command> -h for more detailed usage, e.g. 'rostopic echo -h'

vishal@acer:~$ 
```

>

As you can see in the above image, there are multiple suffixes associated with `rostopic` , these suffixes are the commands to analyze any existing or developing system. We'll look into this sub-command or suffixes one by one.

Optional read, http://ros.informatik.uni-freiburg.de/roswiki/rostopic.html