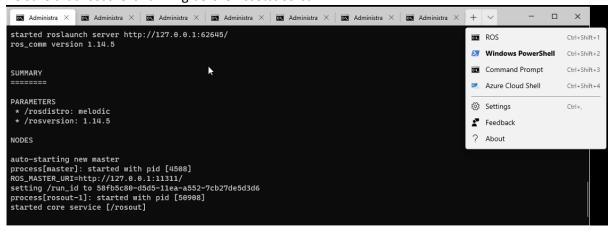
## How to run AC and the vehicle with ROS environment using a controller or the AI

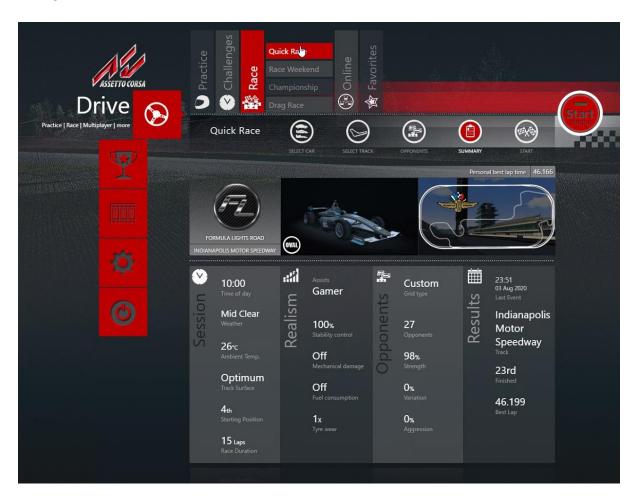
1) There are already some Window terminals utilized to launch the scripts needed for the ros environment. To open another terminal in a new tab select ROS from the '+' list menu. Be sure that roscore is running before AssettoCorsa.



2) Select Main Menu



3) Select Drive. For the moment online the quick race is working autonomously or using the AC AI. In the menu you can adjust the number of opponents, their strength and a lot of other settings.



4) In the following menu before the race begin or during the race pushing ESC, you can run all the script needed.





5) Run windows\_sender.py script (using python windows\_sender.py or rosrun w\_send windows\_sender.py) to receive the data from the sim and send it to ros in the defined structures and messages.

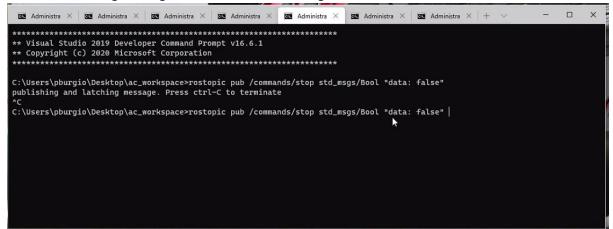
```
DS Administra × DS Administra
```

6) Run the recv.py script if you want to drive autonomously the car. The script receive the data from the control\_output\_data topic, published by the controllers, and drive the car passing steering angle and drive commands.

```
| Administra | Adm
```

7) To run a controller, launch one of the scripts inside the controller/src folder. For futher details read here.

8) Send the following message to let the car move using the controller:



9) If you want to let the AC AI run the ego vehicle, simply press CTRL-C

