Create® 2 Tethered Driving Using Python

Tethered Driving Using Python

Using Python, you can control and operate your Create 2.

1. Install Python. You can download it here.
    (We suggest using version 2.7.9 for this application)

2. Ensure you have the Pyserial library installed.

3. Download Create2_TetheredDrive.py.

4. Connect your robot with the Create 2 USB to Serial cable.

5. Run Create2_TetheredDrive.py.

6. In the "Create" menu, click "Connect"; then type in your COM port (for example, "COM99" or "/dev/ttyUSB0")

7. If desired, click "Help" in the "Create" menu to see what keys are available.

8. If you haven't started Open Interface mode, put the robot into passive mode by pressing 'P', and then into safe mode by pressing 'S'.

9. Drive away; op codes will show themselves in the main window as you control the robot.

10. Upon exit, just close the window or click "Quit" in the "Create" menu. The robot will be left in whatever mode it was last placed in; if that was full mode, the robot will not respond with "normal" functionality.