piRover Builds with K2

Enabling Python App at Startup Rev 1.1

Overview:

Recall that at the beginning of the course you were required to make configuration changes to disable the Yahboom Bluetooth code from running at startup. This action was required to prevent this code from running in the background and conflicting with your GPIO coding.

This document provides the configuration changes required to reactivate this startup feature but modifies the script file so that your Remote Drive code is run at startup rather than the original Yahboom code.

Prerequisites:

Prior to beginning the instruction provided in this lesson you must have completed the following:

1. P03 Remote Drive

Performance Outcomes:

1. Run piRover Remote Drive application at startup

Resources:

1. None

Materials:

1. piRover

Directions

1. With your system connected via the VNC Viewer, open a terminal window.
2. Enter the following commands to edit the **bluetooth.desktop** configuration file.

```
cd .config/autostart

leafpad bluetooth.desktop
```


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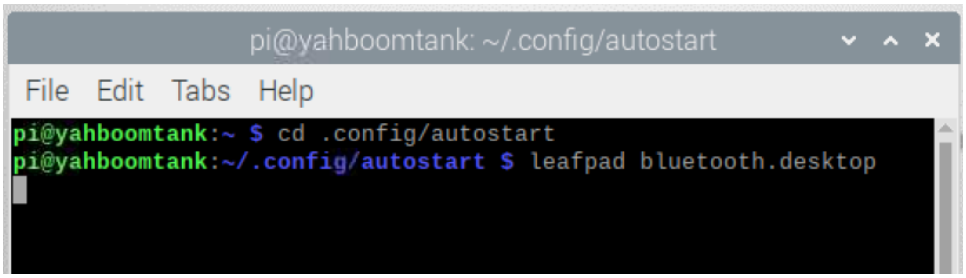
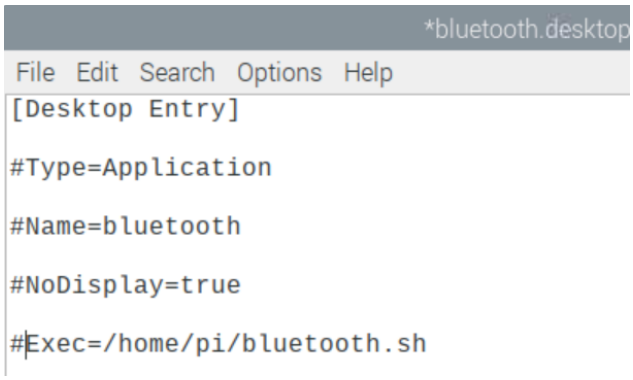
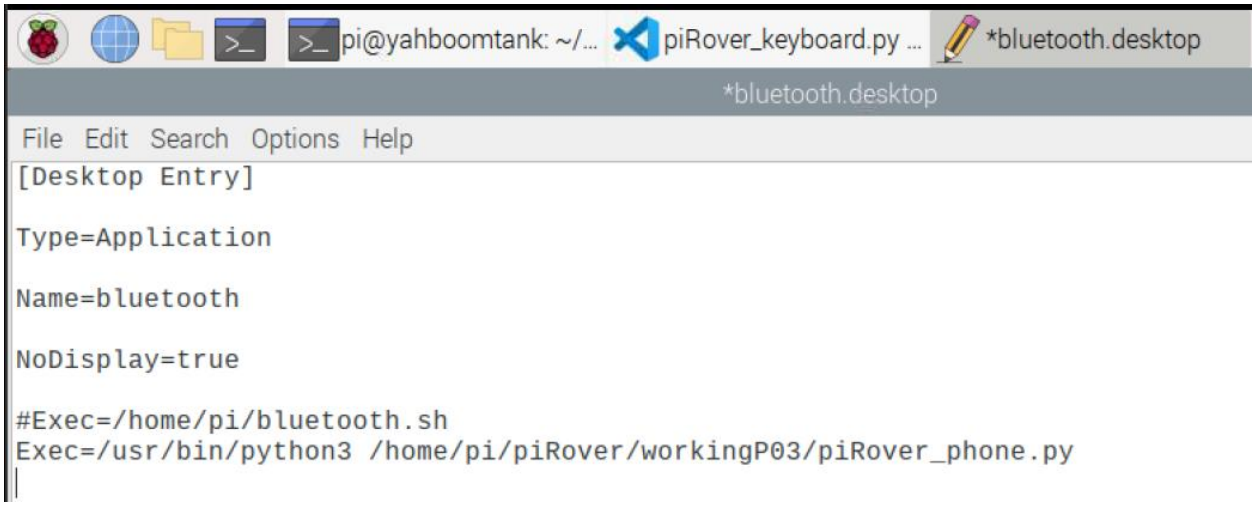


3. The *leafpad* editor will display showing the contents of the ***bluetooth.desktop*** *configuration file.*



4. *Note the hash # symbols at the start of each line. You added these earlier to "comments out" the lines so that the Yahboom Bluetooth application was disabled at startup.*

5. *Remove the hash symbol from each line <u>except</u> the last. Add a new Exec line as shown below that includes the path to python3, a space, and the path to your piRover_phone.py file. Save the file, reboot, and test.*



6. *You can swap out your piRover Phone code with the Yahboom code by exchanging the last line of this file.*

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