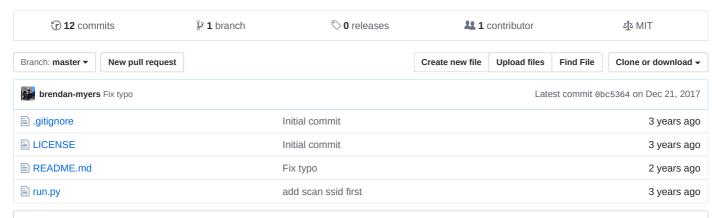
## brendan-myers / rpi3-wifi-conf

A simple Python script to configure wifi over bluetooth for a Raspberry Pi 3

#raspberry-pi #bluetooth #wifi #python-script #python



## **■ README.md**

## rpi3-wifi-conf

A simple Python script to configure wifi over bluetooth for a Raspberry Pi 3

Use this Android application to send wifi config details to the Pi.

## Setup

1. Install bluez (Python bluetooth library):

```
sudo apt-get install python-bluez
```

2. Start the bluetooth daemon in compatibility mode, edit /etc/systemd/system/dbus-org.bluez.service , and modify the ExecStart param:

ExecStart=/usr/lib/bluetooth/bluetoothd -C

3. Load serial port profile:

sudo sdptool add SP

4. Restart your Pi:

sudo reboot

5. Pair your phone with your Raspberry Pi. Turn your phone's bluetooth on. On your Pi:

bluetoothctl power on discoverable on scan on

Your phone will appear in the list of available deivces. Take note of the address of your phone.

```
trust <PHONE_ADDRESS>
pair <PHONE_ADDRESS>
```

Accept the pin, and exit bluetooth ctl:

quit

Running the script

Make script executable:

chmod +x run.py

To run:

sudo ./run.py

To run on startup, edit /etc/rc.local and add:

(sleep 10;/path/to/script/./run.py)&