

Run Program at Boot

You can set the Pi to run a program when the unit starts, this is quite often the case if you have a Pi running a task that needs to start if the unit is rebooted (by user or power outage etc).

I am running a Python script that displays the current IP Address on a 2 line LCD, I want this to run when the Pi boots (or reboots). The program is called UMD004.py and is located in the /home/pi/Python directory.

We can use the .bashrc file to run a program at boot:

```
Ensure you are in the /home/pi folder and from the command line run:  
sudo nano .bashrc
```

At the end of the file add a line to run the Python script:

```
sudo /home/pi/Python/UMD004.py &  
edit: I think this should be sudo python /home/pi/Python/UMD004.py &
```

Note:

The **&** is important if your program does not end (say its a looping program) the **&** tells raspbian not to wait for the program to terminate before continuing.

From:
<http://cameraangle.co.uk/> - WalkerWiki - wiki.alanwalker.uk

Permanent link:
http://cameraangle.co.uk/doku.php?id=run_program_at_boot&rev=1485611338

Last update: **2023/03/09 22:35**

