

Creating a Pi_grammer Image from NOOBs PL 3/16/2018

This guide will show how to take a fresh NOOBs card, and make some slight tweaks to get it setup as a Pi_grammer..

1. Copy a few files to "\home\pi" directory: test.py, pi_program.sh, your_firmware.hex.

Note, it's a good idea to open up permissions on all of these files to avoid access errors in debug. To do this navigate to \home\pi, then type use the command "sudo chmod 777 test.py pi_program.sh your_firmware.hex"

2. Enable SPI hardware [tutorial here](#):

<https://learn.sparkfun.com/tutorials/raspberry-pi-spi-and-i2c-tutorial#spi-on-pi>

3. Replace the standard RC.LOCAL file with the one from the repo. It is located here: "\etc"
4. Install avrdude. A single command will do this: "sudo apt-get install avrdude" but you can read more about it here [adafruits gpio tutorial](#)

Note, there is no need to create the modified config file for gpio if you intend to use linuxspi.