Headless Install for Raspberry PI Zero/Zero W

This should/probably will work with other Raspberry PI models if you need to do a headless install.

<https://learn.adafruit.com/raspberry-pi-zero-creation>

The above tutorial does not explain how to use the console cable all that well. So we can look back at an older tutorial that does.

<https://learn.adafruit.com/adafruits-raspberry-pi-lesson-5-using-a-console-cable>

Feb 10, 2018

The basics:

Install Debian (Raspberry PI)

Reinsert SD card into computer

On boot partition create:

wpa\_supplicant.conf

It should look something like this:

ctrl\_interface=DIR=/var/run/wpa\_supplicant GROUP=netdev

update\_config=1

network={

ssid=”ssidofnetwork”

psk=”password”

scan\_ssid=1

}

Create an empty file with the name SSH to enable SSH.

Insert SD card in Raspberry PI, and boot (may take a few minutes)

SSH to raspberrypi.local (ssh pi@raspberrypi.local) and continue to setup as needed.

\*\*\* NOTES:

If you have a network with no password. Wpa\_supplicant.conf will look like:

network={

ssid=”ssidofunsecurenetwork”

key\_mgmt=NONE

}

You can also add multiple networks.