|  |
| --- |
| echo Update apt-get lists and upgrade existing |
|  | sudo apt-get -y update |
|  | sudo apt-get -y upgrade |
|  | sudo apt-get -y dist-upgrade |
|  |  |
|  | echo Install vim and screen |
|  | sudo apt-get -y install vim screen |
|  |  |
|  |  |
|  | echo Installing Port Audio Stuff. |
|  | sudo apt-get -y install portaudio19-dev |
|  | sudo apt-get -y install python-all-dev |
|  | sudo apt-get -y install python3-dev |
|  | sudo apt-get -y install python3-pyaudio python-pyaudio |
|  |  |
|  | echo Installing stuff for the watson cloud connectors. |
|  | echo This one takes a while and seems like it stalls, but just let it run! |
|  | read -n 1 -p "Press any key to continue.... BUT REMEMBER IT MAY TAKE A WHILE TO RUN!" mainmenuinput |
|  | sudo apt-get -y install libssl-dev libffi-dev build-essential scons swig |
|  | sudo easy\_install3 --upgrade watson-developer-cloud |
|  |  |
|  |  |
|  | echo Installing the RPi GPIO stuff |
|  | sudo pip3 install RPi.GPIO |
|  |  |
|  |  |
|  | echo Copying the confil files for asound |
|  | cp asound.conf /etc/asound.conf |
|  | cp .asoundrc ~/.asoundrc |
|  |  |
|  |  |
|  | echo Install VLC |
|  | sudo apt-get -y install vlc |
|  |  |
|  | echo Install the required Python3 Libraries |
|  | sudo easy\_install3 websocket-client |
|  | sudo pip3 install colour |
|  | sudo pip3 install python-vlc |
|  |  |
|  | echo install other stuff |
|  | sudo pip install requests |
|  | sudo pip install codecs |
|  | sudo pip install configparser |
|  |  |
|  |  |
|  | echo Install the Adafruit Led software |
|  | cd ~/ |
|  | git clone https://github.com/jgarff/rpi\_ws281x.git |
|  | cd rpi\_ws281x |
|  | scons |
|  | cd python |
|  | sudo python3 setup.py install |
|  |  |
|  |  |
|  | cd ~/ |
|  | git clone http://people.csail.mit.edu/hubert/git/pyaudio.git |
|  | cd pyaudio |
|  | sudo python3 setup.py install |