1. install Raspberrian

2. install mcc library

3. install python libraries

Note: **sudo apt install libatlas3-base should be installed first**

sudo pip3 install numpy

Connect to Visual stim computer via samba

"""

ip-address for mac-vstim: \\172.22.92.141

sudo mount -t cifs //172.22.92.141/stimulation-1 ./test -o username=sslab,vers=1.0

"""

Testing with my slee-ss computer

"""

connecting to slee-ss for the test

sudo mount -t cifs //172.23.152.99/stimulation ./test -o username=slee,vers=2.0

"""

Need to install h5py to load matlab file from python.

But an error appear even after installing h5py package: **libhdf5\_serial.so.100: cannot open shared object file: No such file or directory**

sudo apt-get update  
sudo apt-get install libhdf5-dev  
sudo apt-get update  
sudo apt-get install libhdf5-serial-dev (**I did not execute this line, but it seems work**)

The order of starting computer

1. Visual stimulation

2. Raspberry pi (Since Raspberry pi need a vstim parameters, it is important to start visual stimulation program earlier first)

3. Eyetracking

4. Scanner

DC\_motor control with Yuan’ motor and pololu Jrk USB motor controller board

============= dc motor control ===================

Mcc\_daq.py --- class daq

dc\_motor.py ------ main script