1. Install Homebrew 1.2.3
2. Install Hadoop 2.7.2
3. Install node 7.10.0
4. Install pip 9.0.1
5. Install npm 4.2.0
6. Python version 2.7.x
7. Install hdfs module by pip install hdfs
8. Install js2py module by pip install js2py
9. npm install usb-detection
10. <https://hdfscli.readthedocs.io/en/latest/quickstart.html>

the configuration file is provided.

cp hdfscli.cfg ~/.hdfscli.cfg

1. git clone ….github repository
2. Generate a .profile under ~ and source ~/.profile
3. Restart the terminal
4. Start HDFS by hstart
5. Bash reset.sh
6. Python homura\_hdfs.py
7. Plug in usb, type sync
8. Make sure the usb can be mounted to your computer. Currently we only tested on mac and certain usb devices cannot be identified by mac
9. Choose the No. of device that you want to sync