

Start, Stop Shell

start shell

```
#!/bin/bash

echo
echo '##### START Submarine   #####'
echo

wpa_cli -i wlan0 status
echo
echo

FILENAME=/home/hyunsu/submarine/nohup.out
if [ -f "$FILENAME" ] ; then
    echo "nohup.out delete !"
    rm /home/hyunsu/submarine/nohup.out
else
    echo "file not exist"
fi

echo '##### START CCTV #####'
cd /home/hyunsu/submarine
nohup python3 /home/hyunsu/submarine/SubMarine.py &
sleep 3

echo '##### START BROD SOUND #####'
hwString=`pactl list | grep -A 40 'Source' | grep -A 20 'device.bus = "usb"' | grep
'device.string' | grep -o '[0-9]'\`
echo -e "\n Mic HW = [$hwString]"

nohup cvlc -vvv alsa://plughw:$hwString --sout
'#transcode{acodec=mp3,ab=64,channels=1}:standard{access=http,dst=0.0.0.0:8080/
out.mp3}' 1> /dev/null 2>&1 &

echo
echo '##### STARTed Submarine   #####'
echo
```

Stop shell

```
#!/bin/bash

echo
```

```
echo '##### STOP Submarine #####'
echo

ps -ef | grep SubMarine.py | grep -v grep
KILLPID=`ps -ef | grep SubMarine.py | grep -v grep | awk '{print($2)}'`
echo "Stop Submarine Process = " $KILLPID
kill -9 $KILLPID
sleep 3

ps -ef | grep vlc | grep -v grep
KILLPID=`ps -ef | grep vlc | grep -v grep | awk '{print($2)}'`
echo "Stop Brod Sound Process = " $KILLPID
kill -9 $KILLPID
sleep 3

echo
echo '##### STOPed Submarine #####'
echo
```

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