
Infoscreen RaspberryPi documentation

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1 Description

This is short documentation of RaspberryPi's settings and installed packages for Infoscreen which is running in Startup Sauna.

2 IP addresses

Left: **10.100.62.83**

Right: **10.100.51.44**

3 Installed packages

cec-utils - This package is to control CEC (Consumer Electronic Control) supported TV via RaspberryPi.

unclutter - Used to remove mouse cursor.

xautomation

iceweasel

4 Config files

4.1 Crontab

```
0 2 * * * /home/pi/toggleMonitor.sh off >/dev/null 2>&1
0 6 * * * /home/pi/toggleMonitor.sh on >/dev/null 2>&1

8 /6 * * * sudo rm -r ~/.cache/mozilla/firefox/*.default/* >/dev/null 2>&1
10 /6 * * * /home/pi/public_html/BusScreen/javascript/getEventsV4.py >/dev/null 2>&1
13 /6 * * * mv /home/pi/events.json /home/pi/public_html/BusScreen/javascript/events.json >
```

4.2 Autostart

In NOOBS autostart file is located at `~/.config/lxsession/LXDE-pi`
In Rasbian Pixel file is located at `~/.config/lxsession/LXDE/autostart`

```
@xscreensaver -no-splash
@xset s off
@xset -dpms
@sudo xset s noblank
@unclutter
@/home/pi/fullscreen.sh
```

4.3 Fullscreen script

```
sudo rm -r ~/.cache/mozilla/firefox/*.default/*
iceweasel localhost/~pi/BusScreen/index.html --display=:0 &
sleep 10;
xte "key F11" -x:0
```

4.4 Script to toggle TV on/off

```
#!/bin/bash -e

CMD="$1"

function main {
    if [ "$CMD" == "on" ]; then
        echo "on 0" | cec-client -s
    fi
}
```

```
        elif [ "$CMD" == "off" ]; then
echo "standby 0" | cec-client -s
        fi
        exit 0
}

main
```