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

These IP's aren't static so they doesn't necessarily hold.

Left: **10.100.45.65**
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

To edit crontab, write **crontab -e**.

```
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 $\sim /.config/lxsession/LXDE - pi$
In Rasbian Pixel file is located at $\sim /.config/lxsession/LXDE/autostart$

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

main
```

5   Facebook events

Python script requires tokens given file facetoken.conf. Format is:

```
[FACEBOOK]
app_id:XXX
app_secret:XXX
```

Current fetched Facebook events are from: **aaltoes, sosaaltoes, startup-sauna** You can change them in getEventsV4.py