

Raspberry Pi - Kiosk

Configure kiosk mode

clear chrome cache

```
rm -rf ~/.cache/chromium ~/.config/chromium
```

New one <https://reelyactive.github.io/diy/pi-kiosk/>

<https://github.com/debloper/piosk>

Change hostname if not already done

```
sudo hostnamectl set-hostname ???  
sudo reboot
```

Install the following

```
sudo apt install xdotool unclutter
```

Create a kiosk file

```
sudo nano /home/pi/kiosk.sh
```

Paste the following in

```
#!/bin/bash  
  
xset s noblank  
xset s off  
xset -dpms  
  
unclutter -idle 0.5 -root &  
  
sed -i 's/"exited_cleanly":false/"exited_cleanly":true/' /home/pi/.config/chromium/Default/Preferences
```

```
sed -i 's/"exit_type":"Crashed"/"exit_type":"Normal"/' /home/pi/.config/chromium/Default/Preferences

#/usr/bin/chromium-browser --noerrdialogs --disable-infobars --kiosk https://www.raspberrypi.com/
https://time.is/London &
#/usr/bin/chromium-browser --no-sandbox --window-size=1024,768 --kiosk --window-position=0,0
https://hdrcameras.onling.com:5001/webman/3rdparty/SurveillanceStation/?launchApp=SYNO.SS.App.VideoView
erVue.Instance&SynoToken=W9ZwQIG7NiF1Q &
#/usr/bin/chromium-browser --window-size=1080,720 --kiosk --window-position=0,0
https://www.hammerdownrange.com/lobby/index.php &
/usr/bin/chromium-browser --window-size=1080,720 --kiosk --window-position=0,0
https://www.hammerdownrange.com/lineup/lineup.php &

while true; do
    xdotoool keydown ctrl+Tab; xdotoool keyup ctrl+Tab;
    sleep 10
done
```

Make it executable

```
sudo chmod 777 kiosk.sh
```

Make a service file to auto startup

```
sudo nano /lib/systemd/system/kiosk.service
```

Paste the following in

```
[Unit]
Description=Chromium Kiosk
Wants=graphical.target
After=graphical.target

[Service]
Environment=DISPLAY=:0.0
Environment=XAUTHORITY=/home/pi/.Xauthority
Type=simple
ExecStart=/bin/bash /home/pi/kiosk.sh
Restart=on-abort
User=pi
Group=pi
```

[Install]

WantedBy=graphical.target

Make it so it auto starts and start it

```
sudo systemctl enable kiosk.service
```

```
sudo systemctl start kiosk.service
```

Revision #5

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