Raspberry Pi Presentation Pickup

Setup the Raspberry Pi

- Check Wi-fi-Connection Details: iwconfig
- Check IP Address: ifconfig, ip addr
- View Wi-fi SSID: iw dev wlan0 link
- Show and Change all configurations: sudo raspi-config
- System Information: uname -a
- Check Detailed Wi-fi-status: wpa_cli status
- Change the Wifi: sudo nano /etc/wpa_supplicant/wpa_supplicant.conf
- Change the Ip address Configuration: sudo nano /etc/dhcpcd.conf
- Change the DNS name: sudo nano /etc/resolv.conf

Now Mount the Network Drive

- Install cifs-utils

sudo apt update

sudo apt install cifs-utils

- Local Folder

sudo mkdir -p /mnt/networkdrive

- Then the path

//192.168.1.100/SharedFolder

Creating autologin file

- **Go to - sudo nano /etc/systemd/system/presentation.service**

#!/bin/bash

target_dir="/mnt/networkdrive/..."

export DISPLAY=:0

```
export XAUTHORITY=/home/pi/.Xauthority


last_opened=""


while true; do

   latest=$(find "$target_dir" -maxdepth 1 -type f \( -iname "*.pptx" -o -iname "*.odp" \) ! -name ".*" ! -name "*~lock*" -printf "%T@ %p\n" | sort -n | tail -1 | cut -d' ' -f2-)


   if [ "$latest" != "$last_opened" ] && [ -n "$latest" ]; then

      echo "Detected new presentation: $latest"


      # Kill old instances + clean up temp garbage

      pkill -f libreoffice

      pkill -f soffice

      rm -rf ~/.config/libreoffice

      rm -rf /tmp/lu*

      rm -rf /tmp/OSL_PIPE_*


      sleep 3


      # Launch presentation normally

      libreoffice --impress "$latest" &

      sleep 10  # let it load


      # Trigger slideshow with xdotool

      xdotool search --onlyvisible --name "$(basename "$latest")" windowactivate key F5
```

```bash
    last_opened="$latest"

  fi


  sleep 60
done
```

For Presentation Refreshes

```bash
#!/bin/bash

echo "⚠ Killing stuck LibreOffice processes..."

pkill -f libreoffice

pkill -f soffice

sleep 1


echo "Deleting temporary LibreOffice junk..."

rm -rf ~/.config/libreoffice

rm -rf /tmp/lu*

rm -rf /tmp/OSL_PIPE_*

echo " Done. Try launching again!"

Now reboot
```