

All Possible Raspberry Pi Commands

System Update and Upgrade

- sudo apt update
- sudo apt upgrade
- sudo apt full-upgrade
- sudo apt autoremove

System Info

- uname -a
- cat /etc/os-release
- vcgencmd measure_temp
- df -h
- free -h
- top
- htop
- uptime
- hostname -l

GPIO Control

- gpio readall
- gpio -g mode <pin> out
- gpio -g write <pin> 1
- gpio -g write <pin> 0

I2C Tools

- i2cdetect -y 1
- i2cdump -y 1 0x50
- i2cget -y 1 0x50 0x00

- i2cset -y 1 0x50 0x00 0xFF

SPI Tools

- ls /dev/spidev*
- dmesg | grep spi

Raspberry Pi Config

- sudo raspi-config
- sudo reboot
- sudo shutdown -h now
- sudo shutdown -r now

Network

- ifconfig
- ip a
- ping google.com
- iwconfig
- sudo iwlist wlan0 scan
- nmcli device wifi list

Filesystem

- mount
- lsblk
- sudo fdisk -l
- sudo blkid
- df -Th

User Management

- adduser <username>
- passwd <username>

- deluser <username>
- sudo visudo

File Operations

- ls -l
- cd <dir>
- cp <src> <dst>
- mv <src> <dst>
- rm <file>
- mkdir <dir>
- nano <file>
- cat <file>

Python / Package Management

- python3
- python3 <script.py>
- pip3 install <package>
- pip3 list

Service Management

- sudo systemctl status <service>
- sudo systemctl start <service>
- sudo systemctl stop <service>
- sudo systemctl enable <service>
- sudo systemctl disable <service>

Other Tools

- vcgencmd get_config int
- tvservice -s

- tvservice -o
- sudo raspi-gpio get
- sudo raspi-gpio set <pin> op dh