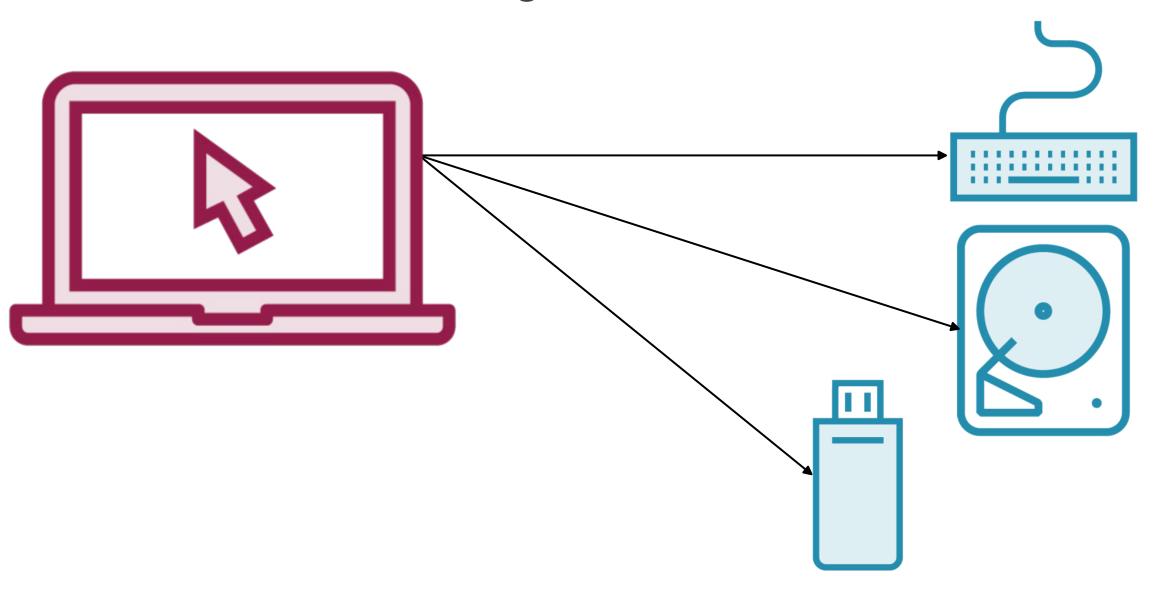
Managing Physical Devices



David ClintonSYSTEM ADMINISTRATOR

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Accessing Hardware Devices



Managing Device Access

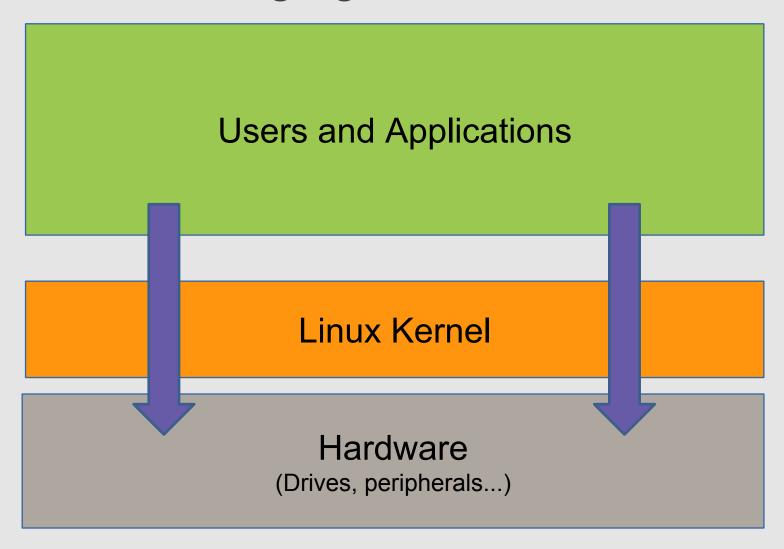
Users and Applications

Linux Kernel

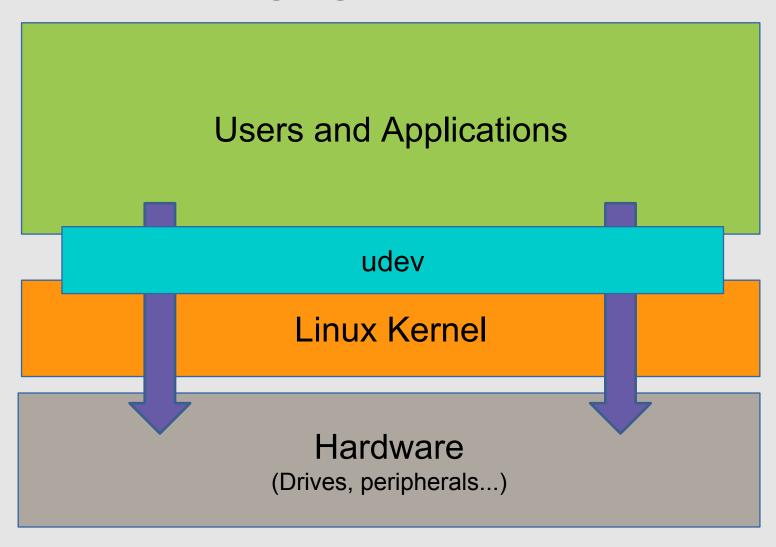
Hardware

(Drives, peripherals...)

Managing Device Access



Managing Device Access



What's Coming



What's Coming



Working with udev rule syntax

What's Coming



Working with udev rule syntax
Changing udev settings

Understanding the udev Configuration System

udev Syntax

Match Keys

Assignment Keys

ACTION

NAME

NAME

SYMLINK

KERNEL

OWNER

SYMLINK

GROUP

SUBSYSTEM

MODE

SUBSYSTEMS

ATTR

TAG

TAG

Demo



Demo



Discover current mac and IP

Demo



Discover current mac and IP

Create udev rule





systemctl status systemd-udevd



systemctl status systemd-udevd
/lib/udev/rules.d/73-usb-net-by-mac.rules



systemctl status systemd-udevd
/lib/udev/rules.d/73-usb-net-by-mac.rules
udevadm info /dev/sda1



systemctl status systemd-udevd
/lib/udev/rules.d/73-usb-net-by-mac.rules
udevadm info /dev/sda1
/etc/udev/rules.d/10-persistent-network.rules