

# Modern OS are Interrupt Driven

HW INT by sending a signal to CPU

SW INT by executing a **system call**

Trap (exception) is a software-generated INT caused by an error or by a specific request from an user program

Interrupt vector is an array of pointers ➡ the memory addresses of **interrupt handlers**. This array is indexed by a unique device number

```
$ less /proc/devices
```

```
$ less /proc/interrupts
```