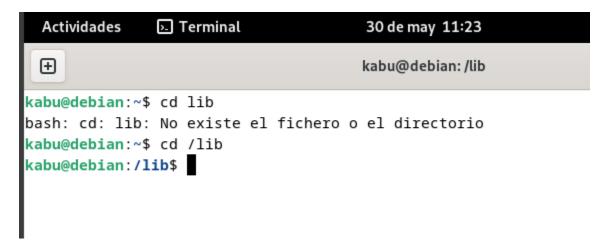
Acceder librerias



Enlistar Librerias

```
kabu@debian:/lib$ ls
apache2
                                        1sb
                                        man-db
apg
apparmor
                                        mime
apt
                                        modprobe.d
                                        modules
aspell
atril
                                        modules-load.d
binfmt.d
                                        mozilla
console-setup
                                        NetworkManager
                                        openssh
срр
                                        os-prober
cups
dbus-1.0
                                        os-probes
discover
                                        os-release
dpkg
                                        p7zip
emacsen-common
                                        pam.d
environment.d
                                        pm-utils
evolution
                                        policykit-1
evolution-data-server
                                        policykit-1-gnome
file
                                        polkit-1
firefox-esr
                                        pppd
firewalld
                                        python3
firmware
                                        python3.11
                                        realmd
gcc
gimp
                                        runit-helper
girenository-1.0
                                        sas12
```

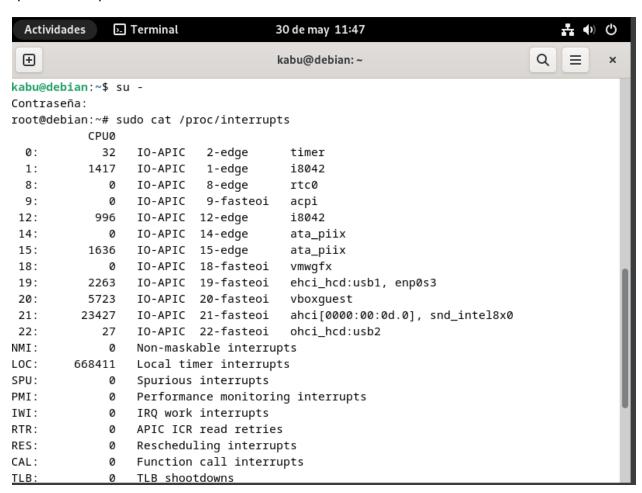
Version del Kernel

```
Th-20TAG
 kabu@debian:/lib$ cd /modules
 bash: cd: /modules: No existe el fichero o el directorio
 kabu@debian:/lib$ cd modules
 kabu@debian:/lib/modules$ cd modules
 bash: cd: modules: No existe el fichero o el directorio
 kabu@debian:/lib/modules$ ls
 6.1.0-18-amd64 6.1.0-21-amd64
 kabu@debian:/lib/modules$
Accede y enlista el kernel
cabu@debian:/lib/modules$ ls
5.1.0-18-amd64 6.1.0-21-amd64
cabu@debian:/lib/modules$ cd 6.1.0-18-amd64
cabu@debian:/lib/modules/6.1.0-18-amd64$ ls
cernel
               modules.builtin.alias.bin modules.dep.bin modules.symbols
nodules.alias modules.builtin.bin
                                        modules.devname modules.symbols.bin
nodules.alias.bin modules.builtin.modinfo
                                        modules.order
nodules.builtin modules.dep
                                        modules.softdep
cabu@debian:/lib/modules/6 1 0-18-amd64$
Acceder y enlistar el kernel
kabu@debian:/lib/modules/6.1.0-18-amd64$ cd kernel
kabu@debian:/lib/modules/6.1.0-18-amd64/kernel$ ls
arch block crypto drivers fs lib mm net sound virt
kabu@debian:/lib/modules/6.1.0-18-amd64/kernel$
Peso Kernel
kabu@debian:/lib/modules/6.1.0-18-amd64/kernel$ du -hs
389M
```

Peso carpetas Kernel

```
kabu@debian:/lib/modules/6.1.0-18-amd64/kernel$ du -hs *
5,9M
        arch
288K
        block
1,9M
        crypto
275M
        drivers
38M
        fs
5,9M
        lib
132K
        mm
34M
        net
29M
        sound
24K
        virt
```

/proc/interrupts



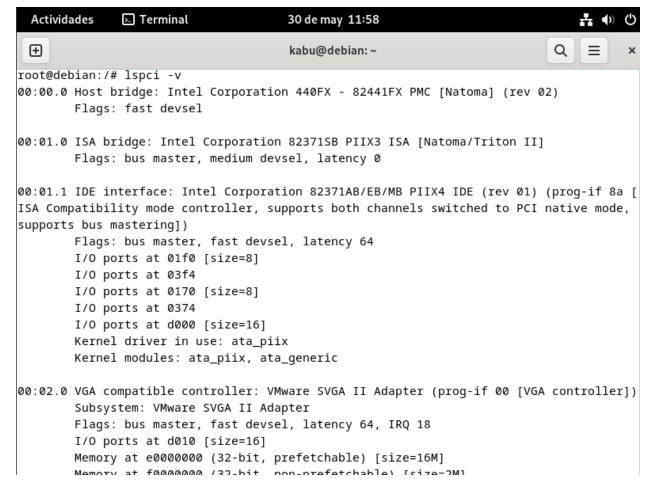
/proc/dma

```
root@debian:~# sudo cat /proc/dma
4: cascade
```

/proc/ioports

```
root@debian:~# sudo cat /proc/ioports
0000-0cf7 : PCI Bus 0000:00
  0000-001f : dma1
  0020-0021 : pic1
  0040-0043 : timer0
  0050-0053 : timer1
  0060-0060 : keyboard
  0064-0064 : keyboard
  0070-0071 : rtc_cmos
    0070-0071 : rtc0
  0080-008f : dma page reg
  00a0-00a1 : pic2
  00c0-00df : dma2
  00f0-00ff : fpu
  0170-0177 : 0000:00:01.1
    0170-0177 : ata_piix
  01f0-01f7 : 0000:00:01.1
    01f0-01f7 : ata_piix
  0376-0376 : 0000:00:01.1
    0376-0376 : ata_piix
  03c0-03df : vga+
  03f6-03f6 : 0000:00:01.1
    03f6-03f6 : ata_piix
0cf8-0cff : PCI conf1
0d00-ffff : PCI Bus 0000:00
```

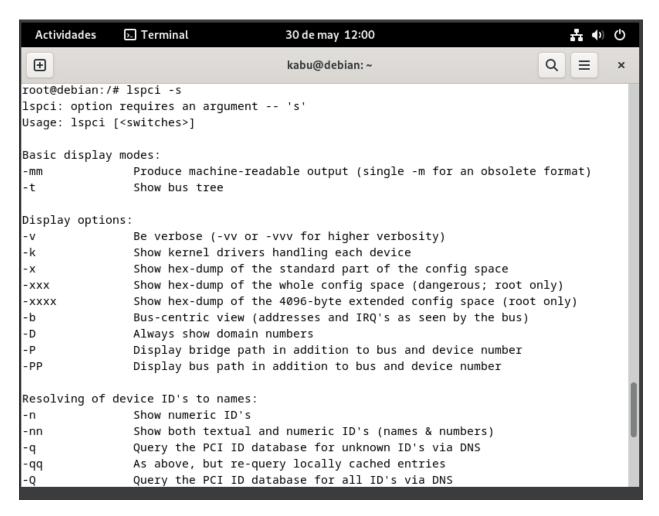
Lspci



Lspci

```
root@debian:/# lspci
00:00.0 Host bridge: Intel Corporation 440FX - 82441FX PMC [Natoma] (rev 02)
00:01.0 ISA bridge: Intel Corporation 82371SB PIIX3 ISA [Natoma/Triton II]
00:01.1 IDE interface: Intel Corporation 82371AB/EB/MB PIIX4 IDE (rev 01)
00:02.0 VGA compatible controller: VMware SVGA II Adapter
00:03.0 Ethernet controller: Intel Corporation 82540EM Gigabit Ethernet Controller (rev 02)
00:04.0 System peripheral: InnoTek Systemberatung GmbH VirtualBox Guest Service
00:05.0 Multimedia audio controller: Intel Corporation 82801AA AC'97 Audio Controller (rev 01)
00:06.0 USB controller: Apple Inc. KeyLargo/Intrepid USB
00:07.0 Bridge: Intel Corporation 82371AB/EB/MB PIIX4 ACPI (rev 08)
00:0b.0 USB controller: Intel Corporation 82801FB/FBM/FR/FW/FRW (ICH6 Family) USB2 EHCI Controller
00:0d.0 SATA controller: Intel Corporation 82801HM/HEM (ICH8M/ICH8M-E) SATA Controller [AHCI mode] (rev 02)
```

Lspci -s



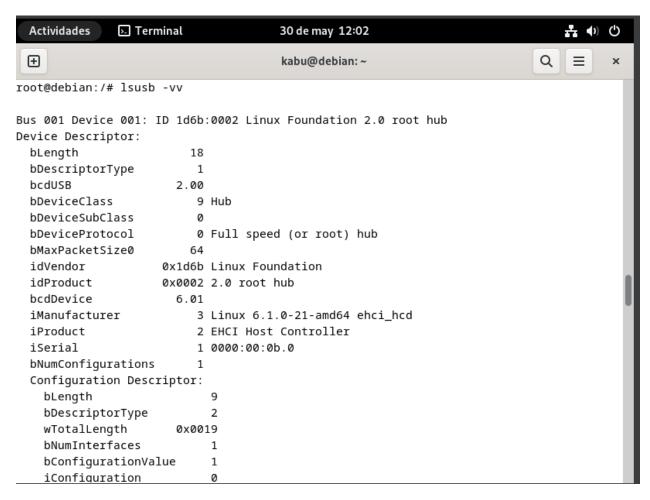
Lsusb -v

```
Actividades
              30 de may 12:01
 \oplus
                                      kabu@debian: ~
:oot@debian:/# lsusb -v
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Device Descriptor:
 bLength
                         18
 bDescriptorType
                          1
 bcdUSB
                       2.00
 bDeviceClass
                          9 Hub
 bDeviceSubClass
 bDeviceProtocol
                          0 Full speed (or root) hub
 bMaxPacketSize0
                         64
 idVendor
                     0x1d6b Linux Foundation
 idProduct
                     0x0002 2.0 root hub
                       6.01
 bcdDevice
 iManufacturer
                          3 Linux 6.1.0-21-amd64 ehci_hcd
 iProduct
                          2 EHCI Host Controller
 iSerial
                          1 0000:00:0b.0
 bNumConfigurations
                          1
 Configuration Descriptor:
   bLength
   bDescriptorType
                            2
   wTotalLength
                       0x0019
   bNumInterfaces
   bConfigurationValue
```

0

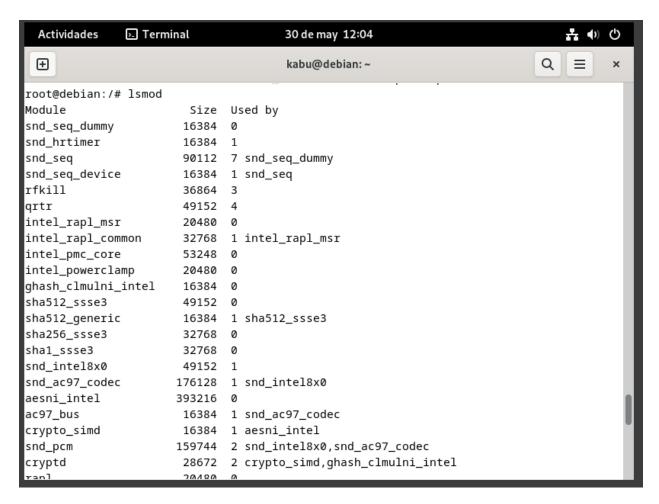
Lsusb -vv

iConfiguration

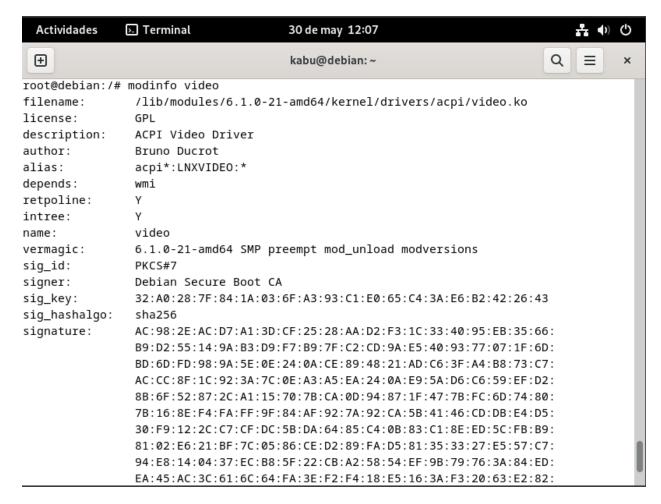


Lsusb -t

Lsmod



Modinfo video



Modinfo

