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```
laurent@galactica:~$ lsmod | grep usb
```

```
snd_usb_audio      86704      1
snd_hwdep          5040      2 snd_usb_audio,snd_hda_codec
snd_usbmidi_lib    17413      1 snd_usb_audio
snd_pcm            71475      3 snd_usb_audio,snd_hda_intel,snd_hda_codec
snd_rawmidi        17783      2 snd_usbmidi_lib,snd_seq_midi
rt73usb            22442      0
rt2x00usb          9779      1 rt73usb
rt2x00lib          27275      2 rt73usb,rt2x00usb
mac80211           231541     2 rt2x00usb,rt2x00lib
snd                49006      17
snd_usb_audio,snd_hda_codec_realtek,snd_hda_intel,snd_hda_codec,snd_hwdep,snd_usbmidi_lib,snd_pcm,snd_rawmidi
mceusb             16142      1
usb_lip            10651      0
ir_core            14654      14
rc_happauge_new,ir_lirc_codec,ir_sony_decoder,ir_jvc_decoder,ir_rc6_decoder,ir_rc5_decoder,rc_rc6_mce,ir_rc6_decoder
usb_storage         40172      0
crc_itu_t          1383      2 rt73usb,firewire_core
```

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```
laurent@galactica:~$ tail -f /var/log/messages
```

```
Oct 18 23:25:31 galactica kernel: [ 1213.949950] usb 1-2: USB disconnect, address 3
Oct 18 23:25:31 galactica kernel: [ 1213.950145] usb_lip0: removed
Oct 18 23:25:54 galactica kernel: [ 1237.220020] usb 1-2: new high speed USB device using ehci_hcd and address 5
Oct 18 23:25:54 galactica kernel: [ 1237.353629] usb_lip0: USB Bidirectional printer dev 5 if 1 alt 0 proto 2 vid 0x03F0 pid 0x5C11
Oct 18 23:25:54 galactica kernel: [ 1237.353854] scsi6 : usb-storage 1-2:1.3
Oct 18 23:25:55 galactica kernel: [ 1238.352615] scsi 6:0:0:0: Direct-Access      HP          Photosmart C4280 1.00 PQ: 0 ANSI: 5
Oct 18 23:25:55 galactica kernel: [ 1238.353245] sd 6:0:0:0: Attached scsi generic sg2 type 0
Oct 18 23:25:55 galactica kernel: [ 1238.354720] sd 6:0:0:0: [sdb] Attached SCSI removable disk
```

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```
laurent@galactica:~$ lsusb
```

```
=====> hangs, ctrl+c has no effect
```

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```
laurent@galactica:~$ ls -l /dev/usb/lp* /dev/bus/usb/*/*
```

```
crw-rw-r-- 1 root root 189, 0 2010-10-18 23:05 /dev/bus/usb/001/001
crw-rw-r-- 1 root root 189, 1 2010-10-18 23:05 /dev/bus/usb/001/002
crw----- 1 root root 189, 4 2010-10-18 23:25 /dev/bus/usb/001/005
crw-rw-r-- 1 root root 189, 128 2010-10-18 23:05 /dev/bus/usb/002/001
crw-rw-r-- 1 root root 189, 129 2010-10-18 23:05 /dev/bus/usb/002/002
crw-rw-r-- 1 root root 189, 130 2010-10-18 23:05 /dev/bus/usb/002/003
crw-rw-r-- 1 root root 189, 131 2010-10-18 23:05 /dev/bus/usb/002/004
crw-rw-r-- 1 root root 189, 256 2010-10-18 23:05 /dev/bus/usb/003/001
crw-rw-r-- 1 root root 189, 384 2010-10-18 23:05 /dev/bus/usb/004/001
crw-rw-r-- 1 root root 189, 385 2010-10-18 23:05 /dev/bus/usb/004/002
crw-rw-r-- 1 root root 189, 512 2010-10-18 23:05 /dev/bus/usb/005/001
crw-rw-r-- 1 root root 189, 640 2010-10-18 23:05 /dev/bus/usb/006/001
crw-rw-r-- 1 root root 189, 768 2010-10-18 23:05 /dev/bus/usb/007/001
crw-rw-r-- 1 root root 189, 896 2010-10-18 23:05 /dev/bus/usb/008/001
crw----- 1 root root 180, 0 2010-10-18 23:25 /dev/usb/lp0
```

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```
laurent@galactica:~$ sudo usb_printerid /dev/usb/lp0
```

```
GET_DEVICE_ID string:
```

```
MFG:HP;MDL:Photosmart C4200 series;CMD:MLC,PCL,PML,DW-
```

```
PCL,DESKJET,DYN;1284.4DL:4d,4e,1;CLS:PRINTER;DES:CC210B;SN:MY78LJQ0NP04VP;S:038000C484001021002c1800036c288
```

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#####
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```
laurent@galactica:~$ hp-info -i
```

```
HP Linux Imaging and Printing System (ver. 3.10.6)
```

```
Device Information Utility ver. 5.2
```

```
Copyright (c) 2001-9 Hewlett-Packard Development Company, LP
```

```
This software comes with ABSOLUTELY NO WARRANTY.
```

```
This is free software, and you are welcome to distribute it under certain conditions. See COPYING file for more details.
```

Using device: hp:/usb/Photosmart_C4200_series?serial=MY78LJQ0NP04VP

HP Linux Imaging and Printing System (ver. 3.10.6)
System Tray Status Service ver. 2.0

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This is free software, and you are welcome to distribute it
under certain conditions. See COPYING file for more details.

warning: Qt/PyQt 4 initialization failed.
error: hp-systray requires Qt4 GUI and DBus support. Exiting.
warning: Unable to connect to dbus. Is hp-systray running?

hp:/usb/Photosmart_C4200_series?serial=MY78LJQ0NP04VP

=====> hangs, ctrl+c has no effect

hp-makeuri <Bus>:<Device> =====> don't get info from lsusb

laurent@galactica:~\$ lpinfo -v
network lpd
network beh
network ipp
direct scsi
network http
network socket