

```
martin@merry:~$ lsmod | grep usb
usbhid                41905  0
hid                   77367  1 usbhid
usb_storage           44173  0
```

```
martin@merry:~$ tail -f /var/log/syslog
Jan  7 23:09:16 merry AptDaemon.Worker: INFO: Simulating trans: /org/debian/apt/transaction/
e19245ce12304e4d878476c5eab4d24b
Jan  7 23:09:32 merry AptDaemon.Worker: INFO: Upgrade system with safe mode: 1
Jan  7 23:12:38 merry AptDaemon: INFO: Quitting due to inactivity
Jan  7 23:12:39 merry AptDaemon: INFO: Quitting was requested
Jan  7 23:13:39 merry anacron[765]: Job `cron.weekly' terminated
Jan  7 23:13:39 merry anacron[765]: Normal exit (1 job run)
Jan  7 23:17:02 merry CRON[2331]: (root) CMD ( cd / && run-parts --report /etc/cron.hourly)
{Printer disconnected}
Jan  7 23:18:18 merry kernel: [ 1372.475161] usb 1-3: USB disconnect, device number 2
Jan  7 23:18:18 merry kernel: [ 1372.475734] scsi: killing requests for dead queue
Jan  7 23:18:20 merry udev-config-printer: remove /devices/pci0000:00/0000:00:1d.7/usb1/1-3
{Printer reconnected}
Jan  7 23:18:56 merry kernel: [ 1410.812034] usb 1-3: new high speed USB device number 6 using ehci_hcd
Jan  7 23:18:56 merry kernel: [ 1410.950189] scsi3 : usb-storage 1-3:1.2
Jan  7 23:18:56 merry mtp-probe: checking bus 1, device 6: "/sys/devices/pci0000:00/0000:00:1d.7/
usb1/1-3"
Jan  7 23:18:57 merry mtp-probe: bus: 1, device: 6 was not an MTP device
Jan  7 23:18:57 merry udev-config-printer: add /devices/pci0000:00/0000:00:1d.7/usb1/1-3/1-3:1.1
Jan  7 23:18:57 merry udev-config-printer: device devpath is /devices/pci0000:00/0000:00:1d.7/
usb1/1-3
Jan  7 23:18:57 merry udev-config-printer: Device vendor/product is 04A9:174B
Jan  7 23:18:57 merry udev-config-printer: MFG:Canon MDL:MG8100 series SERN:- serial:127FC2
Jan  7 23:18:57 merry kernel: [ 1411.209185] Did not find alt setting 1 for intf 0, config 1
Jan  7 23:18:57 merry kernel: [ 1411.949718] scsi 3:0:0:0: Direct-Access      Canon      MG8100 series
0104 PQ: 0 ANSI: 2
Jan  7 23:18:57 merry kernel: [ 1411.949771] scsi: killing requests for dead queue
Jan  7 23:18:57 merry kernel: [ 1411.949833] scsi: killing requests for dead queue
Jan  7 23:18:57 merry kernel: [ 1411.949882] scsi: killing requests for dead queue
Jan  7 23:18:57 merry kernel: [ 1411.949931] scsi: killing requests for dead queue
Jan  7 23:18:57 merry kernel: [ 1411.949980] scsi: killing requests for dead queue
Jan  7 23:18:57 merry kernel: [ 1411.950028] scsi: killing requests for dead queue
Jan  7 23:18:57 merry kernel: [ 1411.950077] scsi: killing requests for dead queue
Jan  7 23:18:57 merry kernel: [ 1411.950125] scsi: killing requests for dead queue
Jan  7 23:18:57 merry kernel: [ 1411.955687] sd 3:0:0:0: Attached scsi generic sg2 type 0
Jan  7 23:18:57 merry kernel: [ 1411.959405] sd 3:0:0:0: [sdb] Attached SCSI removable disk
Jan  7 23:19:00 merry udev-config-printer: URI contains USB serial number
Jan  7 23:19:00 merry udev-config-printer: URI match: usb://Canon/MG8100%20series?
serial=127FC2&interface=1
Jan  7 23:19:00 merry udev-config-printer: URI of print queue: dnssd://Canon%20MG8100%20series%
20_76B4E376211D._printer._tcp.local/, normalized: dnssd canon mg8100 series 76b4e376211d printer tcp
local
Jan  7 23:19:00 merry udev-config-printer: URI of detected printer: usb://Canon/MG8100%20series?
serial=127FC2&interface=1, normalized: canon mg8100 series serial 127fc2 interface 1
Jan  7 23:19:00 merry udev-config-printer: URI of print queue: usb://Canon/MG8100%20series?
serial=127FC2&interface=1, normalized: canon mg8100 series serial 127fc2 interface 1
Jan  7 23:19:00 merry udev-config-printer: URI of detected printer: usb://Canon/MG8100%20series?
serial=127FC2&interface=1, normalized: canon mg8100 series serial 127fc2 interface 1
Jan  7 23:19:00 merry udev-config-printer: Queue ipp://localhost:631/printers/Canon-PIXMA-MG8100
has matching device URI
```

```
martin@merry:~$ lsusb
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 002 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 003 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 004 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 005 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 001 Device 006: ID 04a9:174b Canon, Inc.
Bus 003 Device 002: ID 0711:0240 Magic Control Technology Corp. PS/2 to USB Converter
```

```
martin@merry:~$ ls -l /dev/usb/lp* /dev/bus/usb/*/*
ls: cannot access /dev/usb/lp*: No such file or directory
crw-rw-r-- 1 root root 189,  0 2012-01-07 22:55 /dev/bus/usb/001/001
crw-rw-r-- 1 root lp   189,  5 2012-01-07 23:18 /dev/bus/usb/001/006
crw-rw-r-- 1 root root 189, 128 2012-01-07 22:55 /dev/bus/usb/002/001
crw-rw-r-- 1 root root 189, 256 2012-01-07 22:55 /dev/bus/usb/003/001
```

```
crw-rw-r-- 1 root root 189, 257 2012-01-07 23:05 /dev/bus/usb/003/002
crw-rw-r-- 1 root root 189, 384 2012-01-07 22:55 /dev/bus/usb/004/001
crw-rw-r-- 1 root root 189, 512 2012-01-07 22:55 /dev/bus/usb/005/001
```

```
martin@merry:~$ lpinfo -v
serial serial:/dev/ttyS1?baud=115200
direct scsi
network http
network ipp
network socket
direct hp
direct usb://Canon/MG8100%20series?serial=127FC2&interface=1
network lpd
network smb
network beh
network dnssd://MG8100_series%20%40%20pippin._ipp._tcp.local/cups
network dnssd://Canon%20MG8100%20series%20_76B4E376211D._printer._tcp.local/
direct hpfax
```